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Lancaster Farming

Vol. 44 No. 9 | Five Sections | Lancaster Farming, Saturday, January 2, 1999 | $29.50 Per Year | 60¢ Per Copy

# Historic Extremes Define 1998

VERNON ACHENBACH JR.
Lancaster Farming Staff

EPHRATA (Lancaster Co.) — Goodbye 1998.

It has been a year filled with unexpected meteorological, political and business events that continue to challenge logic, reason and belief.

## *Review and Opinion*

In other words, it has been a year full of historic extreme.

All the while, the events of the year were tempered with constant reminders of the complexity and degree of interdependency between human beings and their real environment.

The real environment is the total sum of everything that surrounds and affects humans, including other humans.

The environment is not just that portion characterized so often by special-interest groups as consisting of splendorous landscapes, wildlife, pristine watersheds and uninhabited mountains and plains.

From unusual space missions, to meteor showers and comets, to the global destabilization of economies and the continued consolidation of businesses and cooperatives, it has been a full year.

Make no mistake, this and the preceding years are years of historic importance.

Just as the turbulence of the years immediately prior and after the signing and ratifying of the United States Constitution only marked the beginning of a new direction for people, it is apparent that the events of this current period of years will be looked back upon as years during which much was discussed, reviewed, revised, experimented with, and reconsidered by people around the world as they sought a new way of living with each other.

All of this activity has been hap-

(Turn to Page A26)

Some girls play with dolls, but Regina, 6, and Rebecca Grover, 4, find cows in their playhouse more to their liking. While Butch and Donna Grover milk 200 Holsteins in Bernardson, Mass., the sisters pamper the Jersey cows. "The cows will do anything for the girls," Butch said of the curious Jerseys who went into the doll house to look around then calmly came back outside. "It's not much different farming up here than in Lancaster County," said Butch. "Once farming is in your blood, you don't want to do anything else." Butch's grandfather started farming with seven milking cows and three horses. Over the years, the farm has been expanded to include 750 acres, 200 milking cows, and 150 young stock. The family sent this photo as Christmas greetings to *Lancaster Farming*. We thought our readers would enjoy it also.

## Penn State's Ag College Dean Reviews First 18 Months

EVERETT NEWSWANGER
Managing Editor

UNIVERSITY PARK (Centre Co.) - "More than anything in Pennsylvania agriculture you find the attitude that we are all in this together," said Robert Steele, dean, Penn State College of Agricultural Sciences. "We were trying for years to accomplish this kind of partnership in Wisconsin."

Steele was speaking in a personal interview late last month about the progress he has seen at Penn State since he became dean of the College of Agricultural Sciences 18 months ago. He came here from the University of Wisconsin, Madison, where he was associate dean for research, College of Agriculture and Life Sciences, and executive director of the University of Wiconsin's Ag Experiment Station.

"In Pennsylvania they really stick together," Steele said. "For example the Dairy Futures Stakeholders. This has grown so much over the last three years, where

(Turn to Page A25)

Tom Marsh Jr. relies on the expertise of M & M Zook Farm, Gap, to provide Farm Show stock. Marsh and his father, Tom Sr., look at two dozen feeder pigs before choosing four or five that look like potential champions. Read more about Tom as he prepares for Farm Show on page A22. *Photo by Andy Andrews*

## *Farmers Share Bond No Matter Where They Live*

LOU ANN GOOD
Lancaster Farming Staff

BERNARDSON, Mass. — "Farming up here is not much different than in Pennsylvania," said Philip Grover, better known to New Englanders as "Butch."

"I like to milk cows. I like to raise crops, and I like to watch animals grow. I figure everyone who farms on his own has his own opinions about the way things should be done. That's why we're farming—because we like to be independent," Butch said.

The Massachusettes farm near the border of Vermont was purchased in 1912 by Butch's grandfather.

"That first winter, grandfather milked seven cows and had three horses. Now my brother Paul and I formed a corporation and milk 200 cows, have about 150 head of young stock, and 750 acres," Butch said.

Most of the expansion was completed in recent years. The farm had been increased to about 30 cows in 1925. It stayed about the same size until Butch and his brother finished school in 1963. Then the barn size was increased to milk 60 cows.

About nine years later, the brothers added a 100-cow freestall barn to the stanchion barn. A few years later, they built a milking parlor and added another freestall barn for 75 cows. The stanchion barn was converted into a heifer barn.

Over the years, the Grovers have purchased the land from 13 farms in the area that were sold. They left the owners have the houses. Most of the land is adjoining. "The farthest we travel is five

(Turn to Page A32)

1999
From all of us at Lancaster Farming

## Special Pages, Advertising/News Deadlines For Farm Show Issue

The Keystone Farm Show is scheduled for this week in York (we have a section of advertising messages for you), and the Pennsylvania Farm Show will run the following week. The first up-to-date Pennsylvania Farm Show exhibitor lists, meeting and judging schedules, and Farm Show complex layout, are found in this issue too. Next week is our annual Pennsylvania Farm Show issue with features of farmers going to exhibit, advertising messages, schedules and building layouts. We, like

(Turn to Page A36)

# LANCASTER COUNTY LIVESTOCK MARKET AUCTION

## Lancaster Livestock Auction

**New Holland, Pa.**
**Dec. 28, 1998**
**Report Supplied By PDA**

| | CATTLE | CALVES | HOGS | SHEEP | GOATS |
|---|---|---|---|---|---|
| MONDAY | | | | | |
| | 500 | 51 | 10 | 287 | 249 |
| LAST WEEK | | | | | |
| | 588 | 86 | 3 | 697 | 506 |
| LAST YEAR | | | | | |
| | 726 | 44 | 76 | 370 | 364 |

CATTLE There was no comparison late last week due to the holiday how ever, prices for slaughter steers and heifers were at least steady with the light test early last week Slaughter cows were not well tested, but a good run of slaughter bulls had a lower undertone Supply included 50 percent slaughter steers and 8 percent slaughter cows

SLAUGHTER STEERS High Choice and Prime 2-4 1180-1410 lbs 61 75 63 50 Choice 2-4 1160-1440 lbs 59 50-62 00, few 1480 1540 lbs 58 00-58 50 Select and low Choice 2-3 1000-1420 lbs 54 25-59 75, few 1545-1665 lbs 52 00 53 75

HOLSTEIN STEERS Couple high Choice and Prime 2-3 1485-1585 lbs 54 75-56 50 Choice 2-3 1305 1585 lbs 52 00-54 25, few 1610-1665 lbs 48 10 51 10 Select and low Choice 2-3 1085-1600 lbs 49 75-51 85, few 1625-1710 lbs 46 75-47 50 Select 1-2 1035-1560 lbs 45 75-49 25

SLAUGHTER HEIFERS Individual Prime 3 1135 lbs 64 00 Choice, few Prime 2-4 1045-1330 lbs 57 60-60 85, ind high dressing 61 00 Few Select and low Choice 2-3 1195-1270 lbs 55 25-57 75 Few Select 1-3 1030-1095 lbs 47 25-52 75

SLAUGHTER COWS PERCENT LEAN WEIGHT BULK LOW DRESSING

Breakers 75-80 pct lean over-1400 lbs 36 75-39 75

Boners 80-85 pct lean over-1200 lbs 33 75-37 25

Lean (Hi-Yield) 85-88 pct lean over-1200 lbs 34 00-37 50

Lean 88-90 pct lean over-1000 lbs 31 50-34 00 30 00-31 50

Lean (Light-Wt) 85-90 pct lean 750 -1000 lbs 30 00-32 50

SLAUGHTER BULLS Yield Grade 1 1095-2180 lbs 43 00-50 50, few up to 55 00, individual double-muscled black 1825 lbs 63 25 Yield Grade 2 985-2180 lbs 35 75-43 75 Bullocks Choice 2-3 1020-1475 lbs 54 00-58 00 Select 1-3 865-1490 lbs 47 00-55 00

SHEEP Compared to last week, wooled slaughter lambs over 75 lbs sold 5 00-10 00 higher on a much lighter offering New-crop and lightweight wooled lambs were mostly steady in a light test Slaughter ewes were fully steady

SLAUGHTER LAMBS New Crop Choice and Prime 2-3 consignment 75 lbs 108 00-112 00 Wooled Choice and Prime 2-3 65-75 lbs 75 00-85 00, 75-100 lbs 78 00-85 00, 100-115 lbs 69 00-80 00, package 120 lbs 65 00

SLAUGHTER EWES Utility and Good 1-3 40 00-55 00 Aged Bucks 220-260 lbs 42 00-45 00

GOATS (All goats sold by the head)

Billies Large 95 00-120 00

Mutton Choice and Prime 85 00-92 00

Nannies Large 58 00-65 00 Medium 45 00-52 00

Yearlings Choice and Prime 75 00-80 00

Kids Choice and Prime 40 00-60 00 Good 35 00-42 00

## Vintage Livestock Auction

**Dec. 29, 1998**
**New Holland, Pa.**
**Report Supplied By PDA**

| | CATTLE | CALVES | SHEEP | GOATS |
|---|---|---|---|---|
| TUESDAY | | | | |
| | 697 | 978 | 1 | 0 |
| LAST TUESDAY | | | | |
| | 464 | 776 | 0 | 0 |
| LAST YEAR | | | | |
| | 666 | 921 | 0 | 0 |

CATTLE Compared to Monday, slaughter steers sold firm to 50 higher Buyers seemed to be in need of cattle, as the movement of livestock is light during this holiday-shortened week Holstein steers and slaughter heifers were not fully tested A large offering of slaughter cows sold steady to 1 00 higher than Monday's light test Slaughter bulls were mostly steady Supply included 21 percent slaughter steers and 73 percent slaughter cows

SLAUGHTER STEERS High Choice and Prime 2 4 1140-1480 lbs 62 00-64 75, couple 1500-1505 lbs 59 75-61 75 Choice 2-3 1200-1460 lbs 60 00 62 25, few 1520-1560 lbs 57 00-59 35 Select and low Choice 2 3 1130-1470 lbs 55 00-60 00, couple 1605 1660 lbs 52 00-54 50 Select 1 3 1040-1370 lbs 50 75-57 50

HOLSTEIN STEERS Choice 2 3 1630 1750 lbs 48 85-50 25 Few Select and low Choice 2 3 1495-1560 lbs 49 75 51 75 Couple Select 1-2 1285-1430 lbs 48 25-49 75 Few Standard 1-2 1015 1235 lbs 38 75-44 00

SLAUGHTER HEIFERS Not well tested

SLAUGHTER COWS PERCENT LEAN WEIGHT BULK LOW DRESSING Breakers 75-80 pct lean over-1400 lbs 36 75-40 75 33 00-36 75 Boners 80 85 pct lean over-1200 lbs 34 25-37 00 32 00-34 50 Lean (Hi Yield) 85-88 pct lean over-1200 lbs 34 00-37 75 31 75 34 00

Lean 88-90 pct lean over-1000 lbs 31 75-35 00 29 50-32 50

Lean (Light-Wt) 85-90 pct lean 750 -1000 lbs 30 00-33 75 27 50-30 00

SLAUGHTER BULLS Yield Grade 1-2 1620-1895 lbs 40 00-43 75

CALVES Compared to last Tuesday, veal calves sold 2 00-3 00 higher Calf receipts were very heavy due to Christmas late last week and prices were steady to 3 00 higher for Number 1 bull calves returning to feed Holstein heifers were steady to 5 00 lower Supply included 813 head in the State graded sale and 83 percent returned to the farm

VEALERS Good and Choice 70-110 lbs 20 00-27 00 Standard and low Good 60-90 lbs 10 00-20 00

RETURNED TO FARM Holstein bulls 95-125 lbs 90 00-106 00 Plainer-type bulls 80-115 lbs 25 00-78 00 Holstein heifers 80-115 lbs 175 00-196 00 pkg 72 lbs 60 00 Plainer heifers 80-110 lbs 102 00-155 00, pkg 72 lbs 25 00

## New Holland Livestock

**NEW HOLLAND, PA**
**THU DECEMBER 17, 1998**

| | Cattle | Calves | Sh[illegible] |
|---|---|---|---|
| THURSDAY | | | |
| | 1371 | | |
| LAST | | | |
| | | | 636 |
| LAST | | | |
| | 696 | 847 | 1019 |

**These market reports were not updated the past two weeks because of the holiday and early market deadlines. No reports from USDA or auction available.**

CATTLE: Compared to Tuesday; the slaughter steer market was fully steady, but ranged steady to mostly .50 lower than last Thursday's active market. Quality was very good for this time of year and late sales were just as strong as the opening. Holstein steers sold steady to 1.00 higher and slaughter heifers were mostly steady in a light test. Slaughter cows sold firm to 1.00 higher, especially on the fleshier types, and slaughter bulls were steady. Supply included 39 percent slaughter steers and 37 percent slaughter cows.

SLAUGHTER STEERS: High Choice and Prime 2-4 1160-1430 lbs 61.50-64.50, individual 1340 lbs 65.00. Choice 2-3 1140-1485 lbs 59.35-62.25, few high dressing 1-2 up to 66.25 and low dressing 4-5 down to 57.50; 1490-1570 lbs 56.00-58.50. Select and low Choice 2-3 1040-1500 lbs 54.75-60.25; 1510-1555 lbs 50.25-54.25. Select 1-3 1015-1495 lbs 50.25-58.00.

HOLSTEIN STEERS: Choice 2-3 1395-1575 lbs 52.00-53.75. Select and low Choice 2-3 1255-1560 lbs 49.75-52.25. Select 1-2 1060-1620 lbs 47.00-51.00.

SLAUGHTER HEIFERS: Choice, few Prime 2-4 1115-1345 lbs 59.25-61.50, few high dressing 1-2 up to 63.00 and a few low dressing 4-5 1080-1220 lbs 55.75-57.25. Few Select and low Choice 2-3 1165-1240 lbs 54.50-56.00.

SLAUGHTER COWS: PERCENT

## Lancaster Co. Weekly

**NEW HOLLAND, PA**
**FRI DECEMBER 18, 1998**

| | CATTLE | CALVES |
|---|---|---|
| THIS WEEK | 2412 | 1760 |
| LAST WEEK | 2884 | 1783 |
| LAST YEAR | 2604 | 1675 |

CATTLE: Compared to last week's closing prices, slaughter steers [illegible]d steady to mostly .50 l[illegible] remains fairly [illegible]d weeks l[illegible] have and 6.00-7.00 [illegible]y low hog prices are [illegible]ull on beef demand as retailers [illegible]eaturing pork specials in their meat-cases. Local Holstein steers and slaughter heifers ended the week mostly 1.00 lower. Slaughter cow prices closed 1.00-1.50 higher as availability is certain to be low over the next two weeks in many areas. Slaughter bulls finished firm to 1.00 higher. Supply was made up of around 39 percent slaughter steers, 8 percent slaughter heifers, 39 percent slaughter cows, 5 percent bulls, with the balance feeders.

SLAUGHTER STEERS: High Choice and Prime 2-4 1160-1465 lbs 61.10-65.00. Choice 2-3 1095-1485 lbs 59.00-62.25, high dressing 1-2 up to 66.25 and low dressing 4-5 down to 57.50; 1490-1570 lbs 56.00-59.75. Select and low Choice 2-3 1040- 1500 lbs 54.50-61.00; 1510-1635 lbs 50.25-55.25. Select 1-3 1010-1495 lbs 50.25-58.00.

HOLSTEIN STEERS: Individual Prime 3 1385 lbs 54.75. Choice 2-3 1390-1575 lbs 51.85-53.75; package 1710 lbs 49.10. Select and low Choice 2-3 1170-1580 lbs 49.75-52.25; 1680-1730 lbs 47.50-48.75. Select 1-2 1060-1620 lbs 46.75-51.00.

SLAUGHTER HEIFERS: Choice, few Prime 2-4 1030-1345 lbs 58.00-61.50, high dressing 1-2 up to 63.00 and low dressing 4-5 down to 55.00. Select and low Choice 2-3 1015-1305 lbs 53.75-59.50. Few Select 1-3 925-1165 lbs 47.25- 53.50. Heiferettes: Commercial and Standard 2-4 990-1315 lbs 36.75-44.50.

SLAUGHTER COWS: PERCENT LEAN WEIGHT BULK LOW DRESSING Breakers 75-80 pct lean over-1400 lbs 35.75-40.25 32.25-36.50 Boners 80-85 pct lean over-1200 lbs 33.25-37.50


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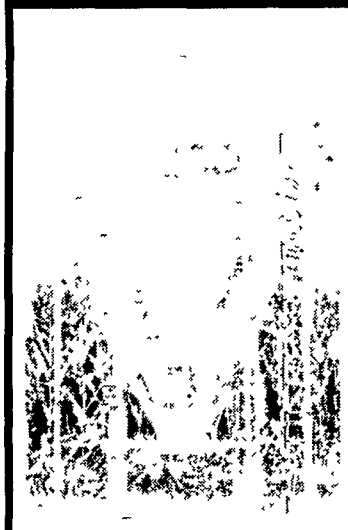

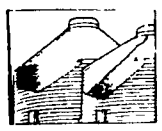

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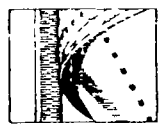

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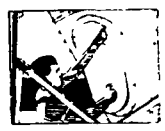

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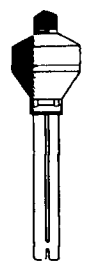

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# HOG MARKETS

## New Holland Feeder Pigs

NEW HOLLAND, PA
WED DECEMBER 23, 1998
USDA-PA Dept Ag Market News
NEW HOLLAND FEEDER PIG AUCTION FOR WEDNESDAY DECEMBER 23, 1998

FEEDER PIGS WEDNESDAY 1655 LAST WEEK 2150 LAST YEAR 518

TREND: Compared to last week, small supply pigs sold as feeders mostly steady. Pigs sold for slaughter mainly 3.00-10.00 lower, with some sales as much as 30.00 lower. Supply included 85 percent sold for slaughter. All pigs weighed and graded on arrival and sold by the hundred weight.

HEAD WEIGHT PRICE US 1-2 189 34-56 lbs 29.00-35.00

SLAUGHTER 225 20-36 lbs 50.00-52.00 25 20-34 lbs 60.00-70.00 765 14-55 lbs 20.00-35.00 185 60-81 lbs 23.00-29.00

ALL PIGS CONSIGNED TO WEDNESDAY FEEDER PIG SALE MUST ORIGINATE FROM A QUALIFIED NEGATIVE OR MONITORED HERD.

## New Holland Hogs

NEW HOLLAND, PA
MON DECEMBER 28, 1998
USDA-PA Dept Ag Market News
NEW HOLLAND HOG AUCTION FOR MONDAY DECEMBER 28, 1998

HOG RECEIPTS TODAY 549 LAST MONDAY 1332 LAST YEAR 783

BARROWS AND GILTS: Compared to last week, prices were 2.00-4.00 higher with good demand.

49-54 percent lean: 200-270 lbs 17.25-20.00, Few up to 22.00 45-50 percent lean: 210-280 lbs 15.00-17.50 40-45 percent lean: 275-350 lbs 16.25-19.00

SOWS: 3.00-4.00 higher in a light test.

US 1-3: 300-500 lbs 10.00-15.00 500-650 lbs 13.00-16.00

BOARS: Not well tested.

## Indiana Hogs

Springfield, IL
Wed Dec 30, 1998
USDA-IL Dept Ag Market News
Indiana-Ohio Direct Hog Opening

Barrows and gilts: Opening Mostly .50 Higher. Demand good on a mod- erate movement. Country US 1-2 230-260 lbs. 230-260 lbs. 12.00-15.00 Few 16.00 US 2-3 230-260 lbs. 230-260 lbs. 10.00-12.00 210-230 lbs. 210-230 lbs. 9.50-10.00

## Kutztown Produce Auction Hay Auction

Report Supplied by Auction
Saturday, December 26, 1998

35 LOADS.
ALFALFA HAY: 70.00-195.00.
GRASS HAY: 102.00-136.00.
MIXED HAY: 72.00-175.00.
HAY: .95-1.60 BALE.
WHEAT STRAW: 62.00-72.00.
STRAW: 1.45 BALE.
FIREWOOD: 40.00-55.00 LOAD.
SALE EVERY SAT. AT 9 A.M.

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Exit 12 off I-81 Turn South
Early Bird Pens
Close 2 P.M.
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Jim (717) 249-2359

Carlisle Livestock Market, Inc.
*announces*
Taylor Packing will be receiving cows (all types), bulls and fat cattle and Good Inc., Atlantic, and Nicholas Packing will be receiving all types of calves every *Monday* 9 AM until 3 PM
For more information contact Jim DeGaetano at
(717) 249-4511 Mkt. or 249-2359 home

# HAY & GRAIN MARKETS

## Diffenbach Auction Center

New Holland, Pa.
Monday, Dec. 28, 1998
Report Supplied by Auction

TOTAL LOADS: 189.
ALFALFA: 82.00-210.00.
MIXED HAY: 50.00-205.00.
TIMOTHY: 75.00-165.00.
ORCHARDGRASS: 67.00-130.00.
REEDS CANARYGRASS: 92.00.
CLOVER: 27.00.
STRAW: 60.00-112.00.
EAR CORN: 75.00-85.00.
OATS: 2.25-2.45 BU.

## Weaverland Auction Hay Auction

New Holland, Pa.
Thursday, Dec. 24, 1998
Report Supplied by Auction

TOTAL LOADS: 20.
ALFALFA: 70.00-140.00.
TIMOTHY: 95.00-125.00.
MIXED HAY: 95.00-150.00.
GRASS: 95.00-105.00.
EAR CORN: 76.00-85.00.
FIREWOOD: 50.00-77.00.
SALE EVERY THURS. 10 A.M.

## Westminster Hay

Westminster, Md.
Tuesday, December 28, 1998
Report Supplied by Auction

126 LOTS TOTAL.
ALFALFA: 2.40-5.00 BALE, 22.00-24.00 LARGE ROUND.
TIMOTHY: 1.25-3.60 BALE, 11.00-24.00 LARGE ROUND.
MIXED HAY: 1.40-3.30 BALE.
CLOVER MIX: 2.10 BALE.
GRASS: 75.00 TON, 1.10-3.10 BALE, 13.00-22.00 LRGE ROUND.
STRAW: .40-1.80 BALE, 10.00-14.00 LARGE ROUND.
BEAN STUBBLE: .60 BALE.
OATS: 3.25 BUSHEL.
FIREWOOD: 27.50-95.00 CORD.

## Belleville Hay

Wednesday, Dec. 23
Belleville, Pa.
Report Supplied by Auction

ALFALFA HAY: 95.00-137.50.
MIXED HAY: 85.00-135.00.
STRAW: 75.00-97.50.
CORN: 75.00-97.50.
OATS: 2.10-2.20 BU.

## Wolgemuth Hay

Leola, Pa.
Wed., Dec. 30, 1998
Report Supplied by Auction

44 LOADS.
MIXED HAY: 87.00-157.00.
TIMOTHY: 87.00-135.00.
STRAW: 55.00-160.00.
GRASS: 122.00-135.00.
ALFALFA: 75.00-125.00.
CORN: 88.00-91.00.
FIREWOOD: 42.00.

## Morrison's Cove Livestock Auction Hay Report

Martinsburg, Pa.
Dec. 28, 1998
Report Supplied by Auction

ALFALFA: 137.50-160.00.
GRASS: 110.00-130.00.
TIMOTHY: 72.50-92.50.
CLOVER: 105.00-107.50.
ORCHARDGRASS: 90.00-107.50.
MIXED HAY: 55.00-120.00.
STRAW: 115.00.
WOOD: 10.00-48.00 LOAD.
AUCTION HELD MONDAY AT 12:30 P.M.

## Dewart Hay & Livestock

Dewart, Pa.
Monday, December 28, 1998
Report Supplied by Auction

STEERS: TOO FEW TO QUOTE.
HEIFERS: TOO FEW TO QUOTE.
GOOD COWS: 30.00-38.25.
CANNERS AND CUTTERS 20.00-30.00.
BULLS: 33.00-40.25.
VEAL 90-130 LBS. 25.00-?, 130-190 LBS. 90.00-200.00.
HOGS: 220 LBS. TO 240 LBS. 15.00-28.00.
SOWS: ONE AT 16.00.
FEEDER PIGS: 3.00-15.00 HEAD.
HAY: 60.00-147.50.
STRAW: 50.00-80.00 TON.
WOOD: 30.00-60.00 LOAD.
OATS: 2.10-2.70 BU.
CORN: 1 LOAD AT 105.00 PER TON.

## Middleburg Hay

Report Supplied
By Auction
December 29, 1998

88 TOTAL LOADS; 52 LOADS OF HAY; 16 LOADS OF STRAW; 12 LOADS OF EAR CORN; 1 LOAD OATS; 7 LOADS FIREWOOD.
ALFALFA: 19 LOTS, 82.50-150.00.
MIXED HAY: 14 LOTS, 72.50-142.50.
TIMOTHY: 7 LOTS, 77.50-115.00.
CLOVER: 7 LOTS, 20.00-35.00 ROUND BALES.
BROMEGRASS: 4 LOTS, 97.50-120.00, GRASS.
HAY: 1.60 BALE.
STRAW: 16 LOTS, 45.00-80.00.
EAR CORN: 11 LOTS, NEW 75.00-97.50.
FIREWOOD: 7 LOTS, 17.50-42.50.
OATS: 1 LOT, 2.65 BU.

## Hay Market Summary

December 28, 1998
Eastern Pa.

HAY & STRAW MARKET FOR EASTERN PA - (ALL HAY GOOD GRADE AND BETTER. PRICES PAID BY DEALERS AT THE FARM & PER TON.) HAY STEADY TO STRONG, STRAW 10.00 TO 20.00.

ALFALFA 85.00-130.00; MIXED HAY 70.00-120.00, FEW TO 140.00; TIMOTHY 70.00-120.00; STRAW 60.00-80.00, FEW TO 40.00; MULCH 35.00-50.00, FEW TO 25.00.

SUMMARY OF LANCASTER CO. HAY AUCTIONS FOR WEEK ENDING 12/24/98. PRICES PER TON: LOADS: 229 HAY, 57 STRAW & 9 EAR CORN.

ALFALFA 95.00-157.00; MIXED HAY 80.00-155.00: TIMOTHY 80.00-140.00; STRAW 69.00-90.00; EAR CORN 72.00-89.00.

SUMMARY OF CENTRAL PA HAY AUCTIONS FOR WEEK ENDING 12/24/98. PRICES PER TON: LOADS: 256 HAY, 22 STRAW & 11 EAR CORN.

ALFALFA 95.00-150.00; MIXED HAY 70.00-135.00; TIMOTHY 70.00-115.00, STRAW 60.00-97.50; EAR CORN 75.00-97.50.

## Westminster Hay

Westminster, Md.
Tuesday, December 28, 1998
Report Supplied by Auction

126 LOTS TOTAL.
ALFALFA: 2.40-5.00 BALE, 22.00-24.00 LARGE ROUND.
TIMOTHY: 1.25-3.60 BALE, 11.00-24.00 LARGE ROUND.
MIXED HAY: 1.40-3.30 BALE.
CLOVER MIX: 2.10 BALE.
GRASS: 75.00 TON, 1.10-3.10 BALE, 13.00-22.00 LRGE ROUND.
STRAW: .40-1.80 BALE, 10.00-14.00 LARGE ROUND.
BEAN STUBBLE: .60 BALE.
OATS: 3.25 BUSHEL.
FIREWOOD: 27.50-95.00 CORD.

## North Jersey Market

Hackettstown, N.J.
Report Supplied by Auction
Tuesday, December 29, 1998
Hay—Straw &
Grain Report

ALFALFA: 14 LOTS, 2.30-3.90 BALE.
MIXED HAY: 10 LOTS, 2.20-2.90 BALE.
MULCH: 1 LOT AT 1.50 BALE.
OAT STRAW: 1 LOT AT 1.60 BALE.
WHEAT STRAW: 7 LOTS, 1.50-2.10 BALE.
OATS: 2.00-4.00 BAG.
35 LOTS TOTAL.

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# POULTRY ❖ MARKETS

## N.E. Weekly Shell Egg Report

**December 29, 1998**
**Report Supplied by USDA**

PRICES PAID PER DOZEN GRADE "A" BROWN EGGS IN CARTONS DELIVERED STORE DOOR:

| | EX. LARGE | LARGE | MEDIUM | SMALL |
|---|---|---|---|---|
| MAINE | 1.20 | 1.13 | .80 | .57 |
| NEW HAMPSHIRE | 1.14-1.18 | 1.07-1.11 | .74-.78 | .50-.54 |
| MOSTLY | 1.16-1.17 | 1.09-1.10 | .76-.77 | .52-.53 |
| RHODE ISLAND | 1.16-1.20 | 1.09-1.13 | .76-.80 | .53-.57 |
| MOSTLY | 1.16 | 1.09 | .76 | .53 |
| VERMONT | 1.20-1.25 | 1.15-1.18 | .85 | |
| MOSTLY | 1.25 | 1.18 | .91 | |


**LANCASTER FARMING STAFF**

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**(717) 626-1164**

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## NE Chicken Pts 1&2

ATLANTA, GA.
DECEMBER 29, 1998

NORTHEAST BROILER/FRYER PARTS - PART I FEDERAL-STATE

Trucklot buying activity was mixed, but mostly of a light volume. Offerings were usually sufficient to cover immediate needs with wings often noted as difficult to find. Movement through retail and distributive channels continued to focus on attractively priced competitive meat items. The market tone was about steady with underlying trade sentiment cautious.

PRICES PAID PER POUND, ICE PACKED AND CO2 PACKED BROILER/FRYER PARTS, DELIVERED TO FIRST RECEIVERS IN POOL TRUCKLOT AND TRUCKLOT QUANTITIES.

ITEM CURRENT NEGOTIATED TRADING*

BREAST - B/S 145 BREAST - WITH RIBS 63-65 BREAST - LINE RUN 63 LEGS 23-24 LEG QUARTERS (BULK) 14-15 DRUMSTICKS 30-31 THIGHS 23-24 WINGS (WHOLE) 83-84 BACKS AND NECKS (STRIPPED) 12-14 LIVERS (5 POUND TUBS) 40-45 GIZZARDS (HEARTS) 45-50

INCLUDES NEW YORK CITY METROPOLITAN AREA, NORTHERN NEW JERSEY, MASSACHUSETTS, CONNECTICUT, RHODE ISLAND, AND PENNSYLVANIA (NORTHEAST OF HARRISBURG). * TODAY'S NEGOTIATED SALES AS OF 11:30 A.M.

## Heinsey's Poultry

Roots, East Petersburg
Tuesday, December 29, 1998
Report Supplied by Auction

Muscovy duck drakes 1.70-1.88, hens, 1.50-1.64.
Peking ducks, .40-.54.
Red fowl 4-4½ .60-.78, 5-6 lbs. .70-1.04.
Crossbred fowl 5-9 lbs. .50-.92.
Crossbred roosters 4-6 lbs. .40-.86, 7-11 lbs. .40-.88.
Guinea fowl 1.75-1.95.
Bantam roosters 2.00-5.50 ea., hens 1.00-3.25.
Leghorn hens .20-.44.
Leghorn rooster .30-.48.
Silkies 3.50-4.00 ea.
Geese .30-.42.
Pigeons 1.75-2.35 ea.
White pigeons 2.50-3.25 ea.
Rabbits 4-6 lbs. .90-1.44, 7-11 lbs. .80-1.32.
Bunnies 1.50-4.00 ea.
Guinea pigs 4.00-6.75 ea.
Goats, not enough.
Kids, 3.00-35.00.
Doves 3.00-4.50.
Chukars, not enough.
Pullets .50-.64.
Total coops 410.

## E. PA & NJ Poultry

ATLANTA, GA.
DECEMBER 28, 1998

SOUTHEAST HEAVY LIVE HEN REPORT, DECEMBER 28, 1998. FEDERAL-STATE

Majority prices were unchanged to slightly lower when compared to a week earlier. Demand was fair to good for the fully adequate to instances ample offerings. Undertone was mostly steady.

HEAVY TYPE HENS (7 POUNDS AND UP) *

FINAL PRICE, CENTS PER LB., GENERALLY FOR SLAUGHTER THE WEEK OF 28-DEC-98

RANGE MAJORITY WTD AVG
AT FARM BUYER LOADING
14.5-20.5 CENTS/LB. 16.5-20 17.57

* WEIGHTS UNDER 7 LBS. SUBJECT TO DISCOUNT.

## Weekly New York Egg Market Northeast Quotes Prices Supplied by Urner-Barry

From Dec. 28-30

| | MON. | TUES. | WED. |
|---|---|---|---|
| WHITE | | | |
| JUMBO | .82 | .82 | .82 |
| EX. LARGE | .79 | .79 | .79 |
| LARGE | .78 | .78 | .78 |
| MEDIUM | .55 | .55 | .55 |
| PULLETS | .52 | .52 | .52 |
| BROWN | | | |
| EXTRA LARGE | .97 | .95 | .95 |
| LARGE | .94 | .92 | .92 |
| MEDIUM | .65 | .65 | .65 |
| UNDERGRADES AND CHECKS | .25 | .25 | .24 |

BREAKING STOCKS: MON.: 42-44 LBS. .31-.33, 48-50 LBS. .38-.40, 50 LBS. AND UP .40-.41. TUES. 42-44 LBS. .31-.33, 48-50 LBS. .38-.40, 50 LBS. AND UP .40-.41. WED. 42-44 LBS. .31-.33, 48-50 LBS. .37-.39, 50 LBS. AND UP .39-.40.

## Hackettstown Poultry & Egg

Hackettstown, N.J.
Report Supplied by Auction
Tuesday, December 29, 1998
Report Supplied by Auction

HEAVY FOWL .95-1.15 LB.
MIXED FOWL .60-.95 LB.
BROILERS .60-.75 LB.
PULLETS 4.50-5.75 EACH.
GEESE .75 LB.
BANTAMS .50-3.50 EA., .70-.75 LB.
ROOSTERS .40-5.00 EA., .30-1.45 LB.
BUNNIES 3.25 EA.
DUCKS .70-2.30 LB.
RABBITS 1.75-3.25 EA., .60-1.65 LB.
PIGEONS 2.00-4.25 EA.
TURKEYS: 7.00 EA.

GRADE A EGGS: WHITE JUMBO, EX. LRGE. .60-.86, LARGE .50-.78, BROWN JUMBO, EX. LRGE. .80-.90, LARGE .76-.80, MED. .60.

## Delmarva Broiler

ATLANTA, GA.
DECEMBER 29, 1998

DELMARVA BROILER/FRYER MARKET. FEDERAL-STATE

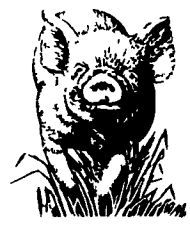
Movement of ready-to-cook whole birds increased slightly at some plants, but overall movement remained light. Live supplies were at least moderate; weights varied in a full range of light to heavy, mostly desirable to heavy. Processing schedules were moderately heavy. Less than trucklot asking prices were unchanged at 54 to 68 cents. Trade sentiment was barely steady with some improvements noted for late week. In the parts complex, wings continued to clear well. Other items were fully adequate to ample.

ESTIMATED SLAUGHTER OF BROILER/FRYERS IN DELMARVA (000)

ESTIMATED ACTUAL AVG. WEIGHT ACTUAL AVG. WEIGHT
12/29 12/25 12/25 12/22 12/18
2,537 TFEWR TFEWR 2,527 4.92

*BROILER/FRYER CURRENT NEGOTIATED PRICES FOR IMMEDIATE DELIVERY INCLUDES MOSTLY MULTIPLE-DROP SHIPMENTS OF BRANDED AND WING TAGGED TO NEW YORK CITY FROM DELMARVA

BRANDED U.S. GRADE A RANGE 50-68 WEIGHTED AVERAGE 56.75
NO. OF BOXES 6,442
*7 of 9 plants reporting.

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## Kirkwood Hay Auction

Kirkwood, Pa.
Tuesday, Dec. 29, 11 a.m.
Report Supplied By Auction

58 LOADS.
MIXED HAY: 1ST CUTTING 95.00-158.00, 2ND CUTTING 100.00-162.00.
TIMOTHY: 86.00-180.00.
ALFALFA: 1ST CUTTING 81.00-107.00, 2ND CUTTING 104.00-134.00, 3RD 101.00-162.00, 4TH 100.00-150.00.
GRASS: 72.00-130.00.
WHEAT STRAW: 60.00-91.00.
SALE DAYS TUES., 11 A.M.

## Pa. Grain

December 28, 1998
Report Supplied By PDA

COMPARED TO LAST MONDAY'S MARKET FOR EASTERN AND CENTRAL PENNSYLVANIA: CORN MOSTLY STEADY, SPOTS .05 HIGHER, BARLEY AND OATS STEADY, WHEAT STEADY .08 HIGHER. SOYBEANS UNEVEN, MOSTLY STEADY. EAR CORN STEADY TO STRONG. PRICES PAID DELIVERED TO DELIVERS DOCK: ALL PRICES PER BUSHEL, EXCEPT EAR CORN PER TON.

SOUTHEASTERN PENNSYLVANIA

CORN NO. 2-Y RANGE 2.35-2.54, AVERAGE 2.46; WHEAT NO. 2 RANGE 2.70-2.96, FEW REPORTED 2.50, AVERAGE 2.75, CONTRACT FOR HARVEST 2.82-3.07; BARLEY NO. 3 RANGE 1.60-1.85, AVERAGE 1.70, CONTRACT FOR HARVEST 1.40-1.50; OATS NO. 2 RANGE 1.25-1.60, AVERAGE 1.44; SOYBEANS RANGE 5.25-5.40, AVERAGE 5.31; FEW REPORTED GRAIN SORGHUM RANGE 2.16, AVERAGE 2.16; AVERAGE MOISTURE NEW EAR CORN RANGE 65.00-80.00, FEW REPORTED 56.00, AVERAGE 67.29.

SOUTH CENTRAL PENNSYLVANIA

CORN NO. 2-Y RANGE 2.21-2.50, AVERAGE 2.38; WHEAT NO. 2 RANGE 2.35-2.70, AVERAGE 2.50; BARLEY NO. 3 RANGE 1.30-1.50, FEW REPORTED 1.65, AVERAGE 1.48; OATS NO. 2 RANGE 1.20-1.50, AVERAGE 1.35; SOYBEANS NO. 1 RANGE 4.98-5.25, FEW REPORTED 5.45, AVERAGE 5.18; AVERAGE MOISTURE NEW EAR CORN, RANGE 60.00-75.00, AVERAGE 66.17.

EASTERN AND CENTRAL PENNSYLVANIA SUMMARY

CORN NO. 2-Y RANGE 2.30-2.45, AVERAGE 2.42; WHEAT NO. 2 RANGE 2.50-2.96, AVERAGE 2.70; BARLEY NO. 3 RANGE 1.40-1.85, AVERAGE 1.60; OATS NO. 2 RANGE 1.25-1.65, AVERAGE 1.41; SOYBEANS NO. 1 RANGE 4.98-5.40, AVERAGE 5.23; AVERAGE MOISTURE NEW EAR CORN, RANGE 60.00-80.00, AVERAGE 65.42.

WESTERN PENNSYLVANIA

CORN NO. 2-Y RANGE 2.10-2.45, AVERAGE 2.27; WHEAT NO. 2 RANGE 2.65-2.75, AVERAGE 2.62, BARLEY NO. 3 RANGE 1.35-1.57, AVERAGE 1.46; OATS NO. 2 RANGE 1.25-1.50, AVERAGE 1.37; SOYBEANS NO. 1 RANGE 5.10-5.13, AVERAGE 5.12.

CENTRAL PENNSYLVANIA

CORN NO. 2-Y RANGE 2.30-2.50, AVERAGE 2.42; WHEAT NO. 2 RANGE FEW REPORTED 2.70-2.95, AVERAGE 2.78; BARLEY NO. 3 RANGE 1.55-1.80, AVERAGE 1.69; OATS NO. 2 RANGE 1.25-1.65, AVERAGE 1.42; SOYBEANS RANGE 5.11-5.40, AVERAGE 5.23; AVERAGE MOISTURE NEW EAR CORN RANGE 55.00-75.00, AVERAGE 67.00.

LEHIGH VALLEY AREA

CORN NO. 2-Y RANGE 2.35-2.50, AVERAGE 2.40; WHEAT NO. 2 RANGE 2.50-2.88, AVERAGE 2.73; BARLEY NO. 3 RANGE 1.40-1.75, AVERAGE 1.53; OATS NO. 2 RANGE 1.30-1.65, AVERAGE 1.44; SOYBEANS NO. 1 RANGE 4.92-5.30, AVERAGE 5.12; FEW REPORTED PER HUNDREDWEIGHT GR. SORGHUM 2 RANGE 2.62, AVERAGE 2.62; AVERAGE MOISTURE NEW EAR CORN RANGE 55.00-69.00, AVERAGE 61.17.

MONTH AGO

CORN NO. 2-Y 2.35; WHEAT NO. 2 2.77; BARLEY NO. 3 1.52; OATS NO. 2 1.37; SOYBEANS NO. 1 5.36; AVERAGE MOISTURE NEW EAR CORN 59.00.

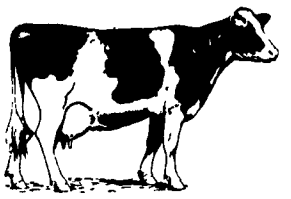
YEAR AGO

CORN NO. 2-Y 3.08; WHEAT NO. 2 3.39; BARLEY NO. 3 2.34; OATS NO. 2 1.71; SOYBEANS NO. 1 6.73; AVERAGE MOISTURE NEW EAR CORN AVERAGE 75.24.

NORTH CENTRAL OHIO
(Prices FOB Truck)

CORN 2.26-2.29; WHEAT 2.56-2.64; SOYBEAN MEAL: BULK 44% 146.00-148.00, BULK 48% 155.30-157.00.


# PENNFIELD DAIRY DAYS



## MARK YOUR CALENDAR!

### JANUARY 1999

**Tues., Jan. 19** — **New Holland, PA** - Yoder's Restaurant
**Wed., Jan. 20** — **LeMasters, PA**- LeMasters Community Center
**Thurs., Jan. 21** — **Martinsburg, PA** - Martinsburg Community Center

### FEBRUARY 1999

**Tues., Feb. 2** — **Intercourse, PA** - Plain 'N Fancy Restaurant
**Wed., Feb. 3** — **Lebanon, PA** - Lebanon Expo Center
**Thurs., Feb. 4** — **Courtland, NY** - Holiday Inn

## DAIRY 1999

**9:30 a.m.** Milk, Coffee & Donuts
Visit Displays - Visit with Speakers

**10:15 a.m.** Meeting Begins Promptly
**Is Your Dairy Operation Y2K**
Speaker: Don Mahlandt

**10:40 a.m.** **Balancing Carbohydrates to Milk Production**
Speaker: Dr. Tim Snyder, PhD

**11:00 a.m.** **Managing the Pre-Fresh/Post-Fresh Cow**
Speaker: Dr. Robert C. LaDue DVM
Cherry Valley Vet Assoc., Springfield Center, NY

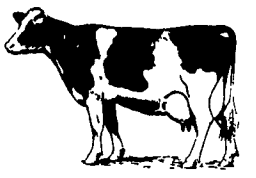
**11:30-1:00** **Buffet Lunch**

**1:00 p.m.** **When and How to Use By-Pass Fats**
Speakers: Dr. William Sanchez PhD
Dr. Kenneth Cummings PhD
Church & Dwight Co. Inc.

**1:30 p.m.** **Balancing Rations to Meet Market Demand**
Speaker: Dr. Tim Snyder, PhD

**2:00 p.m.** **Panel Discussion - Question & Answer**

**2:30 p.m.** Adjourn



**Ladies Welcome:** The information presented at these meetings will be directed towards the **FAMILY DAIRY FARM** and its future. Since many wives play a key role in the Family Farm Operation, we would strongly urge both husband and wife to attend as the information presented will be for the "Management Team".

TO MAKE RESERVATIONS CALL 1-800-732-0467

pennfield feeds *Transportation Available*

## NY Phil. Frozen Eggs

ATLANTA, GA.
DECEMBER 24, 1998

EASTERN REGION FROZEN EGGS, DECEMBER 25, 1998. FEDERAL-STATE

Prices continued to trend lower. The market tone was weak. Demand remained light, and centered on immediate needs. Supplies were at least adequate as most plants ran reduced holiday schedules this week. Liquid and frozen eggs (ingredients included) processed under federal inspection in the Eastern region for the week ending December 19, 1998 were 8% less than last week, and 2% less than the same week last year.

WHOLESALE SELLING PRICES (CENTS PER POUND IN 30 LB. CONTAINERS)

TRUCKLOTS LTL (MIN. 25 CONT.)

RANGE MOSTLY RANGE

WHOLE 50-54 51-52 55-67 BLENDS (/) TFEWR 80-85 WHITES 40-43 41-42 44-54 SUGARED YOLKS (MIN 43% SOLIDS) 69-72 70-71 73-85 SALTED YOLKS (MIN 43% SOLIDS) 66-69 66-67 70-89

(/) - WHOLE PLUS YOLK PLUS SWEETENER, GENERALLY 28-32% EGG SOLIDS.

## New York Egg Market

ATLANTA, GA.
DECEMBER 29, 1998

NEW YORK EGGS, DECEMBER 29, 1998. FEDERAL-STATE

Prices were unchanged. The market tone remained generally steady. Demand continued good to fairly good. Supplies were adequate. The New York shell egg inventory was 19% less than last week, and the New Jersey inventory was unchanged from a week ago.

PRICES TO RETAILERS, SALES TO VOLUME BUYERS, USDA GRADE A AND GRADE A, WHITE EGGS IN CARTONS, DELIVERED STORE DOOR, CENTS PER DOZEN.

RANGE EXTRA LARGE 76-78 LARGE 73-76 MEDIUM 50-53

## National Egg Market

ATLANTA, GA
DECEMBER 29, 1998

NATIONAL EGG MARKET - AT A GLANCE

All prices were unchanged. The market tone was generally steady. Demand continued mostly good, and was best where features were a factor. Supplies remained adequate. Breaking stock supplies were at least adequate from regular sources, and demand for extra eggs was very light due to this week's reduced schedules. Light type hens were sufficient for processors' needs.

## The Windmill Hay Auction

Penn Yan, N.Y.
Dec. 29, 1998
Report Supplied by Auction

12 LOADS

GRASS MIX: 1ST CUTTING 60.00-64.00.

ALFALFA GRASS: 1ST CUTTING 84.00-107.00, 2ND 135.00-142.00, 3RD 140.00.

CLOVER GRASS: 2ND CUTTING 100.00.

STRAW: 86.00.

HAY AUCTIONS EVERY TUES. AND FRI., 11 A.M. SHARP.

## Leinbach's Hay

Shippensburg, PA
Dec. 26 and 29
Report Supplied by Auction

76 LOADS.
ALFALFA: 48.00-187.50.
MIXED HAY: 42.00-122.00.
TIMOTHY: 44.00-126.00.
CLOVER: 74.00.
ORCHARD GRASS: 72.00-165.00.
BROMEGRASS: 60.00-130.00.
STRAW: 54.00-115.00.
EAR CORN: 76.00-87.00.
CORN FODDER: 34.00-44.00.
FIREWOOD: 24.00-44.00 LOAD.

## National Grain Market

St. Joseph, MO
Tue Dec 29, 1998
USDA-MO Dept Ag Market News

DAILY NATIONAL GRAIN SUMMARY

Grain and soybean bids finished near steady, today, after lower trends earlier. Wheat steady to 3 cents higher. Corn steady to 1 cent lower. Sorghum 4 cents higher to 1 cent lower. Soybeans 1 to 3 cents higher. Wheat bids were slightly higher as traders expect USDA to tender soon for the Russian aid package. Bitter cold temperatures are forecast this week across the US causing concern over winterkill in winter wheat areas. Corn bids were narrowly mixed as traders anticipate today's USDA Hog and Pig report which was positive. Some weakness was noted as export demand remained slow and farmer selling picked up slightly. Soybean bids were slightly higher as crude oil prices moved upward.

U.S. Export Sales: Purchasers Commodities Tonnage Del Date Nothing new to report.

Date Change Year Ago Truck Bids: 12/29/98 12/28/98 12/30/97 Wheat: Kansas City (HRW, ORD) 3.05-3.09 Unch 3.38 Minneapolis (DNS, 14pct) 3.72 Up 1/2 3.95 1/2 Portland (SW) 3.18-3.19 Up 3-1 3.66-3.68 St. Louis (SRW) 2.46-2.67 Unch 3.30-3.34

Corn, US 2 Yellow: Kansas City 2.10 Unch 2.56-2.57 Minneapolis 1.86 3/4 Up 1/2 2.45 3/4 Southern Iowa 2.11-2.13 Up 1 2.55-2.61 Omaha 1.93 Unch-dn 1 2.43-2.45

Soybeans, US 1 Yellow: Kansas City 5.36 Up 1 6.80 Minneapolis 5.18 3/4 Up 1 1/2 6.48 3/4 Southern Iowa 5.32-5.34 Up 3-2 6.71-6.77 Cent IL Processors 5.42 3/4-5.49 3/4 Up 1/2- 6.84 1/4-6.94 1/4 Dn 1/2

Futures: Kansas City (Mar) Wheat 3.19 1/2 Unch 3.37 1/4 Minneapolis (Mar) Wheat 3.64 Up 1/2 3.67 1/2 Chicago (Mar) Wheat 2.81 3/4 Dn 3/4 3.27 3/4 Chicago (Mar) Corn 2.18 3/4 Dn 1/2 2.66 3/4 Chicago (Jan) Soybeans 5.43 3/4 Up 1/2 6.81 1/4 Chicago (Mar) Soybeans 6.85 3/4

Export Bids: Barge or rail, Port of New Orleans or North Texas Gulf. US 1 HRW Wheat, Ord. Protein: 3.39 1/2-3.47 1/2 Unch 3.74 1/4 US 2 Soft Red Winter Wheat: 2.82 3/4-2.84 3/4 Dn 1 3/4-3/4 3.49 3/4-3.51 3/4 US 2 Yellow Corn: 2.43 3/4-2.44 3/4 Up 1-1/2 2.84 1/4-2.85 3/4 US 2 Yellow Sorghum: Rail 4.03-4.12 Dn 1-unch 4.91 Barge 4.23-4.25 Up 1-unch 5.05-5.07 US 1 Yellow Soybeans: 5.76 3/4-5.77 3/4 Up 1/2 7.09 1/4-7.11 1/4

## Aberdeen Sales Company, Inc.

Complete Auction & Appraisal Service
Churchville, Md.
Report Supplied by Auction
Wednesday, Dec. 23, 1998

SLAUGHTER STEERS: 1.00 LOWER. CHOICE 2-4 1100-1400 LBS. 61.00-63.50; SELECT & LOW CHOICE 1000-1500 LBS. 55.00-60.00; HOL. STEERS HI CHOICE & PRIME 1250-1400 LBS. 54.00-57.00; CHOICE 1200-1500 LBS. 49.00-53.50; SELECT, ALL WEIGHTS 45.00-49.00.

SLAUGHTER HEIFERS: 1.00 LOWER. CHOICE & PRIME 950-1300 LBS. 60.00-62.00; SELECT ALL WEIGHTS 900-1400 LBS. 51.00-56.00.

COWS: 1.00 LOWER. BRK. UT. & COMM. 2-4 BULK 36.00-40.00; HI DRESSING 40.00-43.00; CUTTER & BON. UT. 33.00-37.00; HI DRESSING 37.00-40.00; CANNER & CUTTERS 29.00-34.00; LOW DRESSING 2.00-DOWN.

BULLS: 2.00 HIGHER. ALL WEIGHTS 1100-1900 LBS. 41.00-49.00.

VEAL CALVES: STEADY. CHOICE AND PRIME 200-400 LBS. 63.00-74.00; HI GOOD AND LOW CHOICE ALL WEIGHTS 48.00-59.00.

FARM CALVES: 20.00 LOWER. HOL. BULLS 100-125 LBS. 73.00-93.00; HOL. BULLS 85-95 LBS. 40.00-64.00; HOL. HEIFER CALVES 100-120 LBS. 180.00-212.00; SMALL FRAME 70-105 LBS. 30.00-56.00; SLAUGHTER CALVES ALL WEIGHTS 20.00-30.00.

FEEDER CATTLE: 3.00 LOWER. BULLS & STEERS 400-900 LBS. 49.00-67.00; HEIFERS 300-700 LBS. 44.00-59.00.

LAMBS: 4.00 LOWER. CHOICE & PRIME 90-110 LBS. 70.00-78.00; LIGHTER LAMBS 90.00-110.00; EWES - HEAVY 25.00-32.00, LIGHT 35.00-50.00.

GOATS: STEADY. SMALL 25.00-35.00; MEDIUM 40.00-70.00; LARGE 100.00-140.00.

HOGS: 1.00 HIGHER. 210-250 LBS. 15.00-17.00; 255-300 LBS. 13.00-16.00; SOWS - HEAVY 9.00-10.00; SOWS-LIGHT 7.00-10.00; BOARS ALL WEIGHTS 4 00-8.00.

Hay And Straw Sales
Will Start At 10 A.M.
Every Wed.

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| WED | JAN 6 | WINROSS, HESS, FARM TRAC & TOYS | 6 30 PM |
| FRI | JAN 8 | TRACTORS, FARM EQ & SUPPLIES | 9 00 AM |
| TUES | JAN 19 | QUILT, CRAFT & BUGGY | 9 00 AM |
| WED | JAN 20 | QUILT & CRAFT | 9 00 AM |

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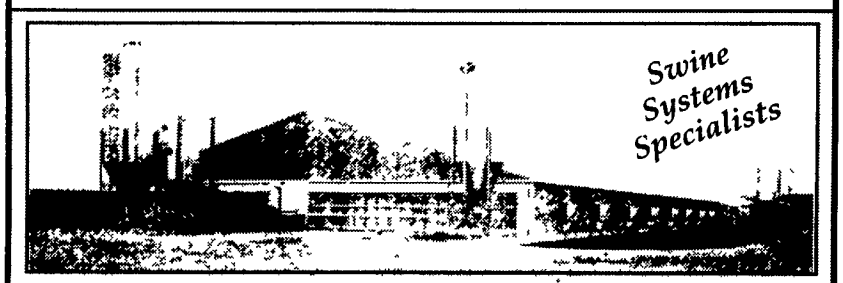


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MONDAY

SLAUGHTER HOGS
EARLY BIRD HOG SALE
7:30 A.M.
Sell Your Hogs At New Holland Sales Stables, Inc
See them weighed, sold and pickup your check

10:00 A.M.
HORSES
MULES

9:00 A.M.
SHEEP, GOATS & CALVES

1:30 P.M.
BEEF SALE

THURSDAY

BEEF AUCTION 10:00 A.M.

BULLS, STEERS, BEEF COWS

1:00 P.M.
STOCKERS & FEEDERS

10:00 A.M.
GOATS, SHEEP
CALVES

WEDNESDAY

HEIFER SALE 10:30 A.M.
COW SALE 12:00 NOON

HEIFERS BULLS

DAIRY COWS

We have the usual run of 50 to 100 Heifers all ages
Loads of fresh cows and springers from our regular shippers Also some local fresh cows and springers

1:30 P.M.
FEEDER PIG SALE

Pigs are accepted after 6 30 A M State graded from 8 to 12
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Field Representatives For Beef and Feeders:
Luke Eberly - 610-267-6608, 717-738-1865
Homer Eberly - 610-267-3047
Nevin Martin - 717-354-7186
Ron Ranck - 717-656-9849
Field Representatives For Goats, Sheep & Calves:
Ken Smoker - 610-593-2123

## Greencastle Livestock

**Greencastle, Pa.**
**Report Supplied by PDA**
**Dec. 28, 1998**

CATTLE: 381; SUPPLY INCLUDED 72 SLAUGHTER STEERS & HEIFERS, 234 SL. COWS, 18 BULLS & 57 FEEDER CATTLE. SLAUGHTER STEERS MOSTLY STEADY. SL. COWS STEADY TO .50 HIGHER, BULLS 2.00 HIGHER.

ALAUGHTER STEERS: FEW HIGH CHOICE & PRIME 2-4 1180-1210 LBS. 63.00-63.75, 1475-1580 LBS. 58.00-60.25, CHOICE 2-3 1110-1425 LBS. 58.25-61.00, SELECT 1-3 55.00-59.75.

HOLSTEIN STEERS: FEW HIGH CHOICE & PRIME 2-3 1395-1485 LBS. 55.25-56.50, CHOICE 203 1365-1535 LBS. 52.75-54.50, SELECT 1-2 44.00-47.75, STANDARD 1-2 37.00-42.75.

HEIFERS: FEW HIGH CHOICE & PRIME 1190-1375 LBS. 61.25-62.00, CHOICE 2-4 1050-1400 LBS. 57.75-60.75, FEW SELECT 1-2 56.00-58.50.

SLAUGHTER COWS: BREAKERS 75-80% LEAN 34.00-38.25, LOW DRESSING 32.75-33.75, BONERS 80-85% LEAN 32.50-36.50, LOW DRESSING 29.75-32.25, LEAN 85-90% LEAN 24.50-34.25. SHELLS DOWN TO 19.00.

BULLOCKS: FEW SELECT 1-3 50.75-52.00.

BULLS: YIELD GRADE 1 1050-1880 LBS. 42.50-49.00, YIELD GRADE 2 1200-1475 LBS. 38.75-42.00.

FEEDER CATTLE: STEERS: MED. & LRG. 1 450-620 LBS. 62.00-64.00, 815-1025 LBS. 52.50-57.50, ONE LOT LARGE 2 HOLSTEINS 41.50; HEIFERS: MED. & LRG. 1 470-670 LBS. 56.00-64.00, MED. & LARGE 2 685-985 LBS. 36.50-42.50, FEW LRG. 2 900-910 LBS. HOLSTEINS 53.00-63.00.

BULLS: FEW MED. & LARGE 1 305-615 LBS. 53.00-62.00, MED. & LRGE. 2 670-930 LBS. 38.50-48.00.

CALVES: 537. VEALERS: FEW GOOD & CHOICE 130-140 LBS. 60.00-72.50, STANDARD & GOOD 75-110 LBS. 20.00-25.00, UTILITY 60-85 LBS. 10.00-18.00, FEW AT 5.00.

FARM CALVES: HOLSTEIN BULLS STEADY WITH SPOTS TO 5.00 HIGHER. NO. 1 HOLSTEIN BULLS 95-125 LBS. 72.50-95.00, 85-95 LBS. 65.00-75.00, NO. " 95-125 LBS. 40.00-70.00, 80-95 LBS. 65.00-75.00, NO. 2 95-125 LBS. 40.00-70.00, 80-95 LBS. 24.00-45.00; NO. 1 HOLSTEIN HEIFERS 90-125 LBS. 150.00-245.00, NO. 2 70-100 LBS. 65.00-137.50. BEEF TYPE BULLS & HEIFERS 70-80 LBS. 40.00-55.00, 85-100 LBS. 67.50-105.00.

HOGS: 39. BARROW & GILTS: FEW 40-45% 315-345 LBS. 24.00-25.00.

SOWS: UC 1-3 300-485 LBS. 10.00-21.00.

BOARS: 250-590 LBS. 2.00-5.00, 200-235 LBS. 9.00-16.00.

FEEDER PIGS: 39. FEW UTILITY 65-70 LBS. (SLAUGHTER) 13.00-18.00 PER CWT.

SHEEP: 37. SLAUGHTER LAMBS MOSTLY STEADY.

SLAUGHTER LAMBS: CHOICE 75-80 LBS. 81.00-86.00, 105-130 LBS. 58.00-65.00.

SLAUGHTER SHEEP: FEW 30.00-40.00.

GOATS: 68. (ALL SOLD BY THE HEAD). LARGE BILLIES 75.00-135.00, MEDIUM 45.00-80.00, FEW LARGE NANNIES 55.00-68.00, MEDIUM WETHERS 61.00-79.00, LARGE KIDS: 20.00-45.00 PER HEAD.

## Westminster Livestock Auction

**Hagerstown, Md.**
**December 28, 1998**
**Report supplied by auction**

SLAUGHTER COWS: 69 HEAD. UTILITY 34.00-38.50; HIGH DRESSING, 39.00-40.00; CANNERS 30.00-34.00, SHELLY 30.00-DOWN.

BULLS: NONE.

FED STEERS: 4 HEAD. CHOICE 1100-1300 LBS. 59.75-62.00.

FED HEIFERS: 5 HEAD. CHOICE 1000-1200 LBS. 58.50-62.00; CHOICE #3 and #4 56.75-62.00.

VEAL CALVES: 131 HEAD. 1 CHOICE 364 LBS. AT 62.00; CULLS 85-110 LBS. 22.00-28.00, 60-85 LBS. 17.00-23.00.

FARM CALVES: HOLSTEIN BULLS STEADY: #1 95-120 LBS. 75.00-94.00, 88-94 LBS. 50.00-77.00; #2 88.00-110 LBS. 30.00-50.00; HOLSTEIN HEIFERS #2 85-100 LBS. 65.00-110.00; 75-85 LBS. 30.00-55.00. BEEF X BULLS 58.00-90.00.

BUTCHER HOGS SOLD IN SMALL LOTS TO COUNTRY BUTCHERS 32 HEAD. #1&3 225-260 LBS. 19.00-21.00; 265-290 LBS. 20.00-25.50; 290-325 LBS. 21.00-23.00.

SOWS: 12 HEAD. 400-500 LBS. TO 15.50; 500-650 LBS. 14.00-18.00; THIN SOWS 9.00-13.00.

STOCK CATTLE: 48 HEAD. STEERS 400-600 LBS. 53.00-62.00; 1 750 LBS. AT 59.00.

HEIFERS: 300-500 LBS. 50.00-59.00; 500-700 LBS. 50.00-55.00.

BULLS: 200-400 LBS. 53.00-66.00.

SHEEP: 11 HEAD 38.00-57.00, HEAVYWEIGHTS 33.00-45.00.

LAMBS: 28 HEAD. CHOICE 90-125 LBS. 60.00-64.00, 60-80 LBS. 75.00-82.00, NEW CROP 50 LBS. to 109.00, NEW CROP 30-45 LBS. 111.00-129.00.

GOATS: 44 HEAD. 1 LARGE BILLIES AT 175.00, MED.-LRG. BILLIES 55.00-80.00; MEDIUM NANNIES 35.00-60.00; SMALL FLESHY 44.00-51.00.

PIGS AND SHOATS: 55 HEAD. BY THE HEAD, 40 LBS. AT 14.00; BY THE LB. 60-80 LBS. 25.00-36.00 10 HEAD 98 LBS At 25.00; 130-190 LBS. 17.00-24.00.

NEXT TUESDAY, JAN. 5 GRADED FEEDER PIG SALE AT 7 P.M.


## Greencastle Livestock

**Greencastle, Pa.**
**Report Supplied by PDA**
**Dec. 28, 1998**

CATTLE: 381; SUPPLY INCLUDED 72 SLAUGHTER STEERS & HEIFERS, 234 SL. COWS, 18 BULLS & 57 FEEDER CATTLE. SLAUGHTER STEERS MOSTLY STEADY. SL. COWS STEADY TO .50 HIGHER, BULLS 2.00 HIGHER.

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HEIFERS: FEW HIGH CHOICE & PRIME 1190-1375 LBS. 61.25-62.00, CHOICE 2-4 1050-1400 LBS. 57.75-60.75, FEW SELECT 1-2 56.00-58.50.

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BULLOCKS: FEW SELECT 1-3 50.75-52.00.

BULLS: YIELD GRADE 1 1050-1880 LBS. 42.50-49.00, YIELD GRADE 2 1200-1475 LBS. 38.75-42.00.

FEEDER CATTLE: STEERS: MED. & LRG. 1 450-620 LBS. 62.00-64.00, 815-1025 LBS. 52.50-57.50, ONE LOT LARGE 2 HOLSTEINS 41.50; HEIFERS: MED. & LRG. 1 470-670 LBS. 56.00-64.00, MED. & LARGE 2 685-985 LBS. 36.50-42.50, FEW LRG. 2 900-910 LBS. HOLSTEINS 53.00-63.00.

BULLS: FEW MED. & LARGE 1 305-615 LBS. 53.00-62.00, MED. & LRGE. 2 670-930 LBS. 38.50-48.00.

CALVES: 537. VEALERS: FEW GOOD & CHOICE 130-140 LBS. 60.00-72.50, STANDARD & GOOD 75-110 LBS. 20.00-25.00, UTILITY 60-85 LBS. 10.00-18.00, FEW AT 5.00.

FARM CALVES: HOLSTEIN BULLS STEADY WITH SPOTS TO 5.00 HIGHER. NO. 1 HOLSTEIN BULLS 95-125 LBS. 72.50-95.00, 85-95 LBS. 65.00-75.00, NO. " 95-125 LBS. 40.00-70.00, 80-95 LBS. 65.00-75.00, NO. 2 95-125 LBS. 40.00-70.00, 80-95 LBS. 24.00-45.00; NO. 1 HOLSTEIN HEIFERS 90-125 LBS. 150.00-245.00, NO. 2 70-100 LBS. 65.00-137.50. BEEF TYPE BULLS & HEIFERS 70-80 LBS. 40.00-55.00, 85-100 LBS. 67.50-105.00.

HOGS: 39. BARROW & GILTS: FEW 40-45% 315-345 LBS. 24.00-25.00.

SOWS: UC 1-3 300-485 LBS. 10.00-21.00.

BOARS: 250-590 LBS. 2.00-5.00, 200-235 LBS. 9.00-16.00.

FEEDER PIGS: 39. FEW UTILITY 65-70 LBS. (SLAUGHTER) 13.00-18.00 PER CWT.

SHEEP: 37. SLAUGHTER LAMBS MOSTLY STEADY.

SLAUGHTER LAMBS: CHOICE 75-80 LBS. 81.00-86.00, 105-130 LBS. 58.00-65.00.

SLAUGHTER SHEEP: FEW 30.00-40.00.

GOATS: 68. (ALL SOLD BY THE HEAD). LARGE BILLIES 75.00-135.00, MEDIUM 45.00-80.00, FEW LARGE NANNIES 55.00-68.00, MEDIUM WETHERS 61.00-79.00, LARGE KIDS 20.00-45.00 PER HEAD.



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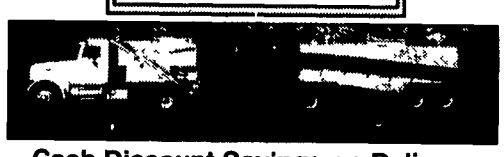

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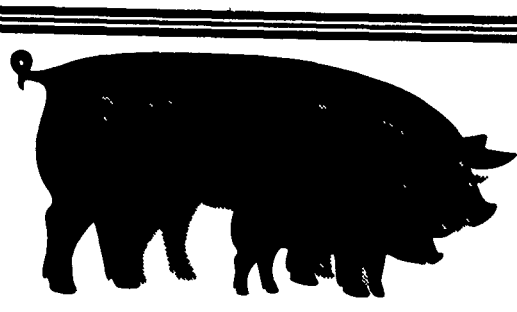

•MARKET HOGS
•BOARS
•SOWS
•CULL PIGS

GOOD'S LIVESTOCK, INC.

Monday: 6:30 -11:00 A.M.
Wednesday: 7:00 -11:00 A.M.
Friday: 6:30 -10:00 A.M.

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It's Pennsylvania Farm Show time again; time for the annual appearance of the creature known as the "whistlin' go-fer." It seems fewer and fewer farmers are attending the Farm Show in recent years. Instead, most of the people are non-farmers, folks who come up to farm machinery displays, look the equipment over, then whistle and ask "What's that go for?"

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So, even though we'll spend lots of time with the "whistlin' go-fers" we don't mind. Being at the Farm Show is something Hoober, Inc. feels is time well spent. And who knows, if you stop by the Hoober, Inc. display, you might catch a glimpse of a "whistlin' go-fer" yourself.

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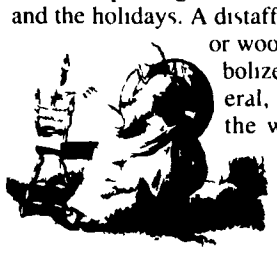
# The OLD FARMER'S ALMANAC THIS WEEK WITH

JANUARY 4-10, 1999

TWELFTH NIGHT, JAN. 5.

## ST. DISTAFF'S DAY

On January 7, "neither work nor play," says the old proverb, but the women were expected to get back to their spinning on this first day following Epiphany and the holidays. A distaff is the staff that holds the flax or wool in spinning. It came to symbolize the domestic sphere in general, and "the distaff side" meant the woman's side of the family.



Distaff Day was also called Rock Day, the rock indicating a weight for holding the spinning fleece taut as it was being twisted into yarn. Interestingly, Plough Monday, the first Monday after Epiphany (January 11, this year) was when men were supposed to resume work, giving them extra days off.

*House goes mad when women gad.*

– Old proverb

### TIP OF THE WEEK

☞ **Stuck in the snow? Try placing your car floor mats under the tires.**

## CORNY CORN BREAD

**2 cups yellow cornmeal**
**2 cups flour**
**1 cup sugar**
**2 tablespoons baking powder**
**2 teaspoons salt**
**2-1/2 cups milk**
**1-1/2 cups corn oil**
**5 eggs**
**1-1/2 cups cooked corn kernels**

Combine the dry ingredients in one bowl, then beat together the milk, oil, and eggs in a separate bowl. Combine the two mixtures, stirring briefly. Fold in the corn kernels. Pour into a 13x9-inch baking pan and bake at 350° F for 30 minutes, or until firm in the center and just golden.

**Makes about 15 squares.**

## The OLD FARMER'S WEATHER PROVERBS

*At Twelfth Day (Jan. 6), the days are lengthened a cock's stride.*

*January and February eat more than Madrid and Toledo.*

*When oak trees bend with snow in January, good crops may be expected.*

*As the day lengthens, so the cold strengthens.*

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## Weekly Livestock Summary

**Dec. 24, 1998**
**Report Supplied By PDA**

11 LIVESTOCK AUCTIONS

CATTLE 2525 Compared with 4379 head last week and 2317 head a year ago Compared with last Friday's summary slaughter steers and heifers steady to weak, sl cows steady to 1 00 higher, bulls 1 00 to 2 00 higher SLAUGHTER STEERS few High Choice & Prime 2-4 60 50-64 25, Choice 1-3 56 00-62 00, Select and Low Choice 2-3 54 00-58 00, Select 1-3 52 00-56 00, Standard 1-2 44 50-51 75, few to 40 00 HOLSTEINS Choice 2-3 51 00-54 50, Select 1-2 44 50-52 00, Standard 36 00-44 00 HEIFERS Choice 2-4 55 00-61 00, few Select 1 3 52 00 56 00, few Standard 1-2 37 00-50 00 COWS Breakers 75 80% lean 31 25-40 75, Boners 80-85% lean 29 00-37 00, Lean 85-90% lean 24 00-33 00, few to 21 00 Shells down to 13 00 BULLS Yield Grade 1 1000-2400 lbs 40 00-50 00, few to 60 75, Yield Grade 2 900-2000 lbs 33 00-41 00 FEEDER CATTLE STEERS Medium and Large 1 300-500 lbs 54 00-65 00, HEIFERS Medium and Large 1 300-600 lbs 51 00-64 00, Medium and Large 2 300-500 lbs 37 00-50 00, 550-900 lbs 34 00-47 50, BULLS Medium and Large 1 350-600 lbs 53 00-65 00, few to 74 50, 550-650 lbs 48 00-61 00, Medium and Large 2 300 475 lbs 40 00-51 50, 500-700 lbs 35 00-46 00

CALVES 2487 Compared with 2907 head last week and 2280 head a year ago

VEALERS mostly steady few Choice 200-325 lbs 85 00-105 00, few Good 130-350 lbs 40 00-77 50, Standard and Good 70-115 lbs 17 00-25 00, Utility 60-100 lbs 5 00-20 00 FARM CALVES Holstein bull calves mostly steady, Holstein heifers 10 00 to 20 00 higher No 1 Holstein bulls 90-125 lbs 70 00-103 00, few to 111 00, No 2 85-125 lbs 30 00-70 00, No 1 Holstein heifers 80-125 lbs 150 00-232 50, No 2 75 120 lbs 70 00-163 00 Beef type bulls and heifers 75-125 lbs 60 00-105 00

HOGS 2472 Compared with 1931 head last week and 1534 head a year ago Barrows and gilts 1 00 to 2 00 higher, sows steady to strong BARROWS AND GILTS 49-54% lean 220-265 lbs 14 50-20 00, few to 22 00, 45-50% lean 230-270 lbs 13 00-21 00, few to 21 00, 40-45% 260-360 lbs 12 00-20 00 SOWS US 1-3 300-500 lbs 6 00-10 00, 500-700 lbs 8 00-14 00 BOARS 1 50-5 00

FEEDER PIGS 481 Compared with 228 head last week and 225 head a year ago Feeder pigs US 1-3 30-45 lbs 4 00-10 00, 45-65 lbs 10 00-18 00, few to 25 00 --- per head

SHEEP 2439 Compared with 3114 head last week and 1247 head a year ago Slaughter lambs steady to 5 00 lower, New Crop lambs mostly steady SLAUGHTER LAMBS Choice 50-80 lbs 70 00-100 00, 75-110 lbs 65 00-88 00, 105-130 lbs 60 00-70 00, few to 54 00 NEW CROP LAMBS Choice 35-60 lbs 125 00 185 00, few to 100 00 SLAUGHTER SHEEP 20 00-55 00

TWO GRADED FEEDER PIG SALES 4132 Compared with 2140 last week and 850 head a year ago Feeder pigs steady to weak, many sold for slaughter for the Holiday season US 1-2 30-40 lbs 26 00-50 00, few to 20 00, 40-50 lbs 20 00-35 00, few to 10 00, 50-60 lbs 24 00-33 00, 60-80 lbs 20 00-32 00, Slaughter 1-2 20-35 lbs 50 00-90 00, 15-55 lbs 20 00-35 00 --- per hundredweight

## Leesport Livestock Auction

**Leesport, Pa.**
**Dec. 16, 1998**
**Report Supplied by PDA**

CATTLE 277 [PDA] [Supply included 61 slaughter steers and heifers, 122 slaughter cows and 75 feeder cattle] sl steers steady to 1 00 lower, sl cows mostly steady, sl bulls steady to strong

SLAUGHTER STEERS Choice 2-4 1150-1470 lbs 57 00-62 00, Select 1-3 52 50-56 75, Standard 1-2 44 25-52 50

HOLSTEIN STEERS few High Choice and Prime 2-3 1420-1575 lbs 54 50-54 75, Choice 2-3 1225-1595 lbs 50 00-54 00, Select 1-2 44 75-51 50, few Standard 1-2 34 00-44 00

HEIFERS few Standard 1-2 38 75-45 75

COWS Breakers 75-80% lean 34 00-38 75, low dressing 31 25-32 50, Boners 80-85% lean 32 25-36 00, low dressing 28 75-31 50, Lean 85 90% lean 24 50-32 75 Shells down to 18 50

BULLS Yield Grade 1 1000-1800 lbs 39 50-45 00, Yield Grade 2 1050-2555 lbs 36.00-40 50

*Some markets not available due to the holiday*

FEEDER CATTLE STEERS few Medium 1-2 575-755 lbs 48 00-53 50, one 475 lbs at 65 00, Large 2 630-800 lbs 48 00-52 00, HEIFERS Medium 1 2 250-400 lbs 46 00-57 50, 500-775 lbs 43 50-55 00, BULLS Medium 1-2 200-300 lbs 60 00-72 50, 400-540 lbs 45 00-56 50

CALVES 166 VEALERS Good and Choice 160-280 lbs 50 00-75 00, few Good 120-125 lbs 42 50-50 00, Standard and Good 75-105 lbs 22 00-30 00, Utility 70-80 lbs 17 00-22 00, 50-65 lbs 5 00-17 50

FARM CALVES Holstein bulls weak with spots to 10 00 lower No 1 Holstein bulls 90-125 lbs 60 00-90 00, No 2 85-120 lbs 30 00-60 00, with a few down to 25 00, No 1 Holstein heifers 80-130 lbs 135 00-200 00, No 2 80-110 lbs 55 00-125 00 Few beef type bulls and heifers 115-150 lbs 72 50-85 00

HOGS 100 Barrows and gilts 2 00 to 5 00 lower, sows 3 00 to 5 00 lower

BARROWS AND GILTS 49-54% lean 225-250 lbs 17 00-20 00, 45-50% 225-265 lbs 11 50-16 00, 40-45% 270-330 lbs 12 50-15 50

SOWS US 1-3 385-490 lbs 4 50-8 50, 500-635 lbs 5 50-6 50

BOARS 210-535 lbs 3 00-4 50

FEEDER PIGS 67 US 1-3 20-45 lbs 40 00-55 00 -- per cwt

SHEEP 94 Slaughter lambs steady to 10 00 higher

SLAUGHTER LAMBS Choice 40-65 lbs 82 00-97 00, 70-95 lbs 62 50-90 00, one lot at 101 00, 100-150 lbs 60 00-72 50

NEW CROP LAMBS Choice 40-55 lbs 120 00-175 00, 60-70 lbs 110 00-117 50

SLAUGHTER SHEEP few 25 00-34 00, Yearlings 40 00-47 50

GOATS 24 Few Large Billies 65 00-72 50, Medium 42 00-57 50, few Large Nannies 57 50-62 50, few Medium 55 00-65 00, Large Kids 50 00-80 00 --- per head

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## Virginia Feeder Sales

**Richmond, VA**
**Tue Dec 15, 1998**

USDA-VA Dept of Ag Market News

Summary of Livestock Auctions by Areas: Northern Virginia Livestock Summary Including Orange, Rockingham, Shenandoah and Staunton Union Virginia for the Week of December 7-12, 1998

Feeder Cattle 939 Head

Steers Med&Lge 1 Small 1 Med&Lge 2 200-300 70.00 - 82.00 ----- ----- 300-400 75.00 - 90.00 68.00 - 75.00 71.00 - 83.00 400-500 70.00 - 85.00 65.00 - 75.00 68.00 - 78.00 500-600 67.50 - 81.00 62.00 - 70.00 65.00 - 73.00 600-700 62.00 - 76.00 60.00 - 66.00 59.00 - 63.00 700-800 61.00 - 70.00 57.00 - 63.00 59.00 - 62.00 800-900 58.25 ----- -----

Heifers Med&Lge 1 Med&Lge 2 300-400 54.00 - 63.00 51.00 - 59.25 400-500 55.00 - 63.00 51.00 - 60.10 500-600 54.00 - 62.75 ----- 600-700 52.00 - 60.00 53.00 700-800 48.00 -----

Bulls Med&Lge 1 300-400 75.00 - 85.00 400-500 70.00 - 82.00 500-600 60.00 - 73.00 600-700 60.00 - 67.00

Slaughter Cattle 206 Head

Slaughter Cows 193 Head Breaking Utility and Commercial 2-4 24.50 - 35.00 Cutter and Boning Utility 1-3 23.00 - 34.00 Canner and Low Cutter 1-2 18.00 - 29.00

Slaughter Bulls 13 Head Yg 1-2 1300-1600 Lbs 32.75 - 35.75 Yg 1-2 1600 Lbs and over 34.00 - 37.50

Cows returned to farms 15 head - Medium and Small 1, 4-10 yrs old 900-1100 lbs 27.00-30.00 per cwt. Baby calves returned to farms 35 Head Newborn to 4 weeks 7.50-25.00 per head. Over 100 lbs 32.00-52.50 per cwt.

Lambs Total Receipts 460 Head Slaughter Lambs 337 Head Wooled Choice Few Prime 1-2 Few 3 93-133 lbs 57.25 - 60.00 Good and Few Choice 1-2 87-96 lbs 57.00 - 58.25 Feeder Lambs 93 Head Medium and Large Frame 1-2 70-85 lbs 65.50 - 73.00 Medium and Large Frame 1-2 60-70 lbs 62.50 - 65.00 Medium and Large Frame 1-2 50-60 lbs 60.00

Slaughter Ewes and Rams 30 Head Ewes Choice 2-4 29.50 Utility and Good 1-3 18.00 - 37.00 Cull and Low Utility 1-2 24.00 - 33.00 Rams All 18.00

**Richmond, VA**
**Tue Dec 15, 1998**

USDA-VA Dept of Ag Market News

Summary of Livestock Auctions by Areas: Southwest Virginia Livestock Summary Including Hollins, Wytheville and Abingdon Livestock Exchange, Virginia for the week of December 7-12, 1998

Feeder Cattle 1657 Head

Steers Med&Lge 1 Small 1 Med&Lge 2 200-300 72.00 - 85.00 55.00 - 79.00 64.00 - 76.00 Few 111.00 ----- ----- 300-400 82.00 - 94.00 54.00 - 69.00 64.00 - 79.00 Few 65.00 - 76.50 ----- ----- 400-500 67.50 - 87.50 60.00 - 72.00 68.00 - 78.00 500-600 68.00 - 79.50 55.00 - 69.00 62.00 - 73.00 600-700 63.00 - 72.00 58.00 - 66.00 60.00 - 71.00 700-800 55.00 - 65.00 ----- 54.00 - 63.00 800-900 50.00 - 60.00 ----- ----- 900-1000 52.00 - 58.00 ----- ----- Holstein Steer Med & Large 2 200-300 50.00 - 57.00 300-500 45.00 - 58.00 500-700 41.00 - 51.00 700-900 35.00 - 48.50 900-1100 37.00 - 42.00

Heifers Med&Lge 1 Small 1 Med&Lge 2 200-300 58.00 - 75.00 55.00 - 62.00 52.00 - 66.00 300-400 57.00 - 75.00 45.00 - 60.00 54.00 - 66.00 400-500 59.00 - 72.00 48.00 - 56.00 54.00 - 70.00 Few 50.00 35.00 ----- 500-600 58.00 - 68.00 45.00 - 56.00 52.00 - 65.00 Few 48.00 34.00 ----- 600-700 49.00 - 62.00 32.00 - 54.00 50.00 - 59.00 700-800 48.00 - 59.00 ----- 48.00 - 56.00 800-900 42.00 - 55.00 ----- 35.00

Bulls Med&Lge 1 Small 1 Med&Lge 2 200-300 63.00 - 79.00 63.00 - 76.00 66.00 - 70.00 Few ----- 52.00 55.00 300-400 62.00 - 78.00 62.00 - 74.00 58.00 - 76.00 Few ----- 51.00 53.00 400-500 58.00 - 76.00 55.00 - 71.00 51.00 - 68.00 Few ----- ----- 72.00 500-600 52.00 - 69.00 52.00 - 69.00 52.00 - 69.50 600-700 50.00 - 68.00 48.00 - 64.00 ----- 700-900 46.00 - 54.00 ----- ----- Few 35.00 - 45.00 ----- -----

Slaughter Cattle 299 Head

Slaughter Cows 269 Head Breaking Utility and Commercial 2-4 27.00 - 33.00 Cutter and Boning Utility 1-3 29.00 - 35.50 Canner and Low Cutter 1-2 16.50 - 30.50

Slaughter Bulls 30 Head Yg 1-2 900-1300 lbs 33.00 - 43.50 Yg 1-2 1300-1600 lbs 32.00 - 40.00 Yg 1-2 1600 lbs and Over 27.00 - 41.00

Baby calves returned to farms 58 head newborn to 4 weeks 10.00-45.00 per head. Over 100 lbs 65.00-68.00 per cwt.

Goats 9 Head (Sold by the Head) Billies - Medium 47.50 - Small 35.00 Nannies - Large 45.00 Yearlings - 42.50

Slaughter Hogs 27 Head Barrows and Gilts US 1-3 200-250 lbs 26.00 - 30.00 US 2-4 250-300 lbs 23.00 - 30.00 US 1-3 180-200 lbs 23.00 - 26.00

**Richmond, VA**
**Tue Dec 15, 1998**

USDA-VA Dept of Ag Market News

Summary of Livestock Auctions by Areas: Central And Southeast Virginia Livestock Summary Including Southside (Blackstone) and Lynchburg Virginia for the week of December 7-12, 1998

Feeder Cattle 398 Head

Steers Small 1 Med&Lge 2 300-400 ----- 75.00 - 78.00 400-500 68.00 - 72.00 76.00 - 77.50 500-600 60.00 - 62.00 -----

Heifers Med&Lge 1 Small 1 Med&Lge 2 300-400 ----- 55.00 - 61.00 58.00 - 61.00 400-500 56.00 - 58.00 45.00 - 54.00 52.00 - 57.00 500-600 ----- 48.00 - 51.00 55.00 - 57.00 600-700 ----- 40.00 - 42.50 48.00 - 50.00 700-800 47.00 - 52.00 ----- 46.00 - 48.00

Bulls Med&Lge 1 Small 1 Med&Lge 2 300-400 ----- 51.00 - 68.00 65.00 - 78.00 400-500 ----- 59.00 - 63.00 65.00 - 72.50 500-600 58.00 - 62.50 47.00 - 55.00 55.00 - 58.00

Slaughter Cattle 234 Head

Slaughter Cows 213 Head Breaking Utility and Commercial 2-4 24.00 - 32.50 Cutter and Boning Utility 1-3 25.00 - 30.50 Canner and Low Cutter 1-2 16.50 - 27.00

Slaughter Bulls 21 Head Yg 1-2 900-1300 lbs 34.50 - 36.00 Yg 1-2 1300-1600 lbs 35.00 - 37.00 Yg 1-2 1600 lbs and over 32.00 - 37.75

Cows returned to farms 20 head - Large 2, 4-6 yrs old 800-1000 lbs 29.00-34.00 per cwt. Large 1, 4-6 yrs old 1000-1200 lbs 33.00-36.50 per cwt.

**Richmond, VA**
**Tue Dec 29, 1998**

USDA-VA Dept of Ag Market News

Special State Graded Slaughter Cow Sale

Dublin, Virginia on December 26, 1998
474 head sold

Slaughter Cows 451 Head Breaking Utility and Commercial 2-4 30.00 - 37.75 Boning Utility 1-2 31.00 - 35.75 Few 27.00 - 29.00 Canner and Low Cutter 1-2 29.00 - 33.25

Slaughter Bulls 23 head Yg 1-2 900-1300 lbs 33.75 - 35.00 Yg 1-2 1300-1600 lbs 32.00 - 41.75 Yg 1-2 1600 lbs and over 36.50 - 48.50 jb

## Belleville Livestock Auction

**Belleville, Pa.**
**Dec. 23, 1998**
**Report Supplied By PDA**

CATTLE 265 [PDA] [Supply included 190 cows and heifers in the Dairy sale] slaughter cows steady to 2.00 lower

HEIFERS one Select 1 2 at 52.00

COWS Breakers 75-80% lean 31.25-34.75 Boners 80-85% lean 28.50-33.50 Lean 85-90% 20.75-28.00 Shells down to 13.00

BULLS couple Yield Grade 1 1540 & 1950 lbs 37.25 & 38.75 couple Yield Grade 2 1015 & 1370 lbs 34.00 & 36.50

FEEDER CATTLE STEERS couple Medium 1 470 & 505 lbs 54.00 & 62.50 Large 2 Holsteins 520-690 lbs 38.00-41.00, HEIFERS few Medium 1 430-595 lbs 45.00-47.50, BULLS Medium 1-2 585-670 lbs 56.00-44.00

CALVES 44 VEALERS Standard and Good 80-105 lbs 18.00-25.00 Utility 55-110 lbs 5.00-15.00

FARM CALVES Holstein bulls 5.00 to 10.00 lower No 1 Holstein bulls 90-115 lbs 55.00-83.00 No 2 90-130 lbs 30.00-50.00 with a few down to 20.00 one No 1 Holstein heifer 80 lbs at 90.00

HOGS 17 BARROWS AND GILTS 45-50% lean 225-270 lbs 23.50-34.00

SOWS couple US 1-3 380 & 470 lbs 15.00-19.00

FEEDER PIGS 118 US 1-3 35-45 lbs 5.00-10.00, 45-55 lbs 10.00-16.00 -- per head

SHEEP 19 SLAUGHTER LAMBS few Choice 60-85 lbs 67.00-73.00, one lot at 99.00, 95-100 lbs 66.00-73.00

SLAUGHTER SHEEP 34.00-43.00 one Yearling at 54.00

GOATS 20 Couple Medium at 71.00, few Large Kids 32.00-45.00, one at 58.00, Small 5.00-42.00

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**Thank You To All Our Members For Making 1998 A Success.**

***Happy New Year!***

Lancaster Farming

# OPINION

## 'Hit The Wall'

After 50 years of ever larger harvests, the world's farmers are finding it more difficult to keep pace with the growth in demand as they face 80 million more hungry mouths each year.

From 1950 to 1990, the world's grain farmers raised productivity of their land by 2.1 percent a year, but since 1990 the growth slowed to about 1 percent.

"An acceptable balance between food and people may depend at least as much on population policy and family planners as on agricultural policy and farmers," said a Worldwatch Institute official who opened the annual conference of three agricultural societies.

The two traditional ways of expanding food production — cultivating more land and raising productivity — seem to have reached their limits worldwide, according to Lester Brown, president of Worldwatch Institute, Washington, D.C.

Brown recently presented the keynote address at the annual meeting of the American Society of Agronomy (ASA), Crop Science Society of America (CSSA) and the Soil Science Society of America (SSSA).

Pointing to the slower growth in production since 1990, Brown questioned a recent World Bank projection of surplus in the world agriculture market. He said the World Bank had based its predictions on historical growth.

World Bank economists base their projections on simple projections that continue an average yield increase based on the past 40 years, he said. "In contrast to the robust rise of 2.1 percent a year between 1950 and 1990, yields rose only 1 percent a year between 1990-1995."

Although it's too early to establish a clear new trend in production growth, Brown said raising productivity to offset the shrinkage in crop land area per person "may be one of humanity's greatest challenges."

Brown warned that world grain stocks dropped to record lows during the 1990s. Bumper harvests in the mid-1980s boosted carryover stocks for 1987 to more than 100 days of consumption. Since then, they have dropped below 60 days.

He said stocks of at least 70 days are needed for minimal food security.

Brown said plant breeders using traditional techniques have largely exploited the genetic potential of what the photosynthesis process can put into the seed of the plant. The best hope for increasing yields is for biotechnologists to increase the efficiency of the process of photosynthesis itself, he added.

Further advances in production will rely on use of inputs like fertilizer and irrigation or fine-tuning agronomic practices such as plant densities and pest control. But farmers are finding optimal levels for those inputs and practices.

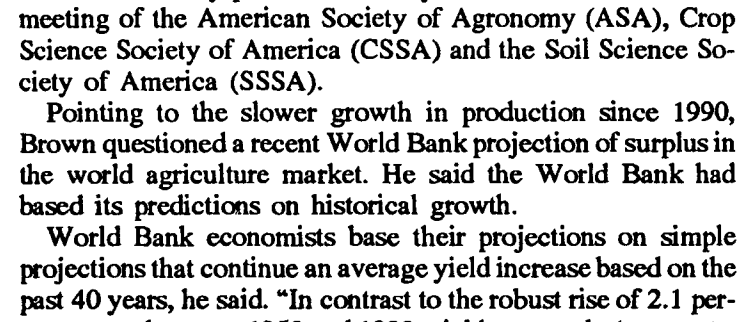
While farm productivity is a major factor in keeping pace with world food demands, Brown cited several other factors that influence the world food supply:

• Rising affluence — As consumers use additional income to diversify their diets, they buy more meat, milk and eggs. In China, for example, increased demand for livestock products has accounted for two-third of the country's growth in demand for grain during the 1990s.

• Water supply — Farmers are facing cutbacks in irrigation as aquifers are depleted. Brown said China, Egypt, India, Iran Mexico, Pakistan and Saudi Arabia are all likely to offset irrigation water losses with more grain imports.

• Loss of crop land — Population growth in cities, often located in fertile agricultural regions, will take up valuable crop land. As incomes rise, leisure activities like golfing will use additional land. Soil erosion, particularly in developing countries, also cuts usuable crop land.

Maybe we really have "hit the wall" in raising food for a growing population.




**Monday, January 4**

Tulpehocken Adult/Young Farmer Session, Selecting Hybrids Starts Early, Tulpehocken High School, 7:30 p.m.

Penn State Ice Cream Short Course, Nittany Lion Inn, University Park. thru Jan. 14.

**Tuesday, January 5**

Solanco Young Farmer Pesticide Recertification, Solanco High School, 7:30 p.m.

Eastern Pa. Turf Conference and Trade Show, Valley Forge Convention Center, King of Prussia, thru Jan. 7.

Berks Dairy Day, Berks County Ag Center, 9 a.m.-2:45 p.m.

Act 6 Nutrient Management Certification and Plan Writing Seminar, Gratz Comm Center, exam Jan. 12.

Fulton County Conservation District Agribusiness Breakfast, McConnellsburg American Legon Post 561, 8 a.m.-9 a.m.

Lancaster County Tobacco Show, Farm and Home Center, Lancaster, judging 1 p.m.

**Wednesday, January 6**

Bucks-Montgomery Dairy Day, Family Heritage Restaurant, Franconia.

Farm$Risk$ and Management Seminar, Penn State Campus, Fogelsville.

**Thursday, January 7**

Mercer County DHIA Banquet, Mercer County Extension, 11:30 a.m.

Schuylkill County DHIA Banquet, Dairy Days.

Franklin County Dairy Day, Kauffman Community Center, 9 a.m.-2:45 p.m.

Dairy Facilities Tour, Dave Stuck Farm and Irvin Hostetler Farm 10 a.m.-Noon.

Northeast Tomato Growers' Meeting, Thompson's Dairy Bar, 9 a.m.-3 p.m.

Vegetable Growers' Association of Delaware 1999 meeting, Jan. 7 Kent County Cooperative Extension, Dover, 9 a.m.-4 p.m.; Jan. 8 Carlisle Fire Company, Milford, 9 a.m.-4 p.m.; Jan. 9 Laurel High School Auditorium, 8:30 a.m.-Noon.

Computer Basics for Farmers, Fulton County Extension Office, 9:30 a.m.-3 p.m.

Kutztown Produce Study Circle, Kutztown Produce Auction, 7 p.m.

Pesticide Certification Exams, Luzerne County extension office, W. Pittston, 9 a.m.

**Friday, January 8**

Feeder School, Ja-Lene Farm, John and Todd Ishler Farm, Spring Mills.

Horse World Expo, Maryland State Fairgrounds, Timonium, thru Jan. 10.

(Turn to Page A30)

## Now Is The Time

**By John Schwartz**

*Lancaster County Agricultural Agent*

### To Develop Business Side of Farm

Every business has two sides. The technology side and the business side. To be successful today you need to develop both sides. The technology side produces the products that we sell to generate profits. Thus, we must be the best at what we do.

However, the business side must also be equally developed in order to insure success. The business side involves organizational structure, supervising employees, developing and monitoring budgets, controlling costs, marketing products, keeping records and providing benefits to employees and community.

As in any business you must develop each side of the business equally. As we start the new year make sure you are developing both sides of your businesses equally.

### To Focus On Priorities

With dairy profit margins now being tight, it is time to focus on priorities, according to Glenn Shirk, Lancaster County Extension Dairy Agent. One area to focus on is cost control.

When feed is scarce and you need to purchase more feed, make the best use of your feeds. Sell unprofitable cows and contract heifers out to a good grower in order to reduce feed needs. This will also make more feed available for your best cows. Feed a balanced ration, use good feeding techniques and avoid over feeding a lot of expensive feeds and additives. Take advantage of lower price feed alternatives.

### To Manage Cow Investment

Glenn Shirk, Lancaster County Extension Dairy Agent, reminds us of the importance of protecting your investment in cows. They are your income producing base.

Take a good look at your involuntary culling rate, your herd health program, your heifer program and your dry cow program. Take a good look at your management practices. Are you maintaining high production by culling your problems rather than fixing them and preventing the problems in the first place? If so, that is a very, very costly practice.

Instead, focus on the areas that set the stage for good herd health, longevity, good production and conception. Develop and implement programs for good health, good cow comfort, good nutrition, good genetics and for good management of heifers and dry cows.

*Feather Prof.'s Footnote: "Do not just think about it, do it!"*

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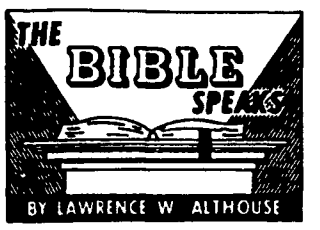


***THE WAY YOU CAN TELL***

January 3, 1999

**Background Scripture:**
Mark 12:28-34; Luke 6:27-36; John 13:31-35
**Devotional Reading:**
I John 4:7-12

I have just returned from my 50th high school class reunion in Reading, Pennsylvania. It was quite an occasion with nearly 500 of my 800-plus classmates and their spouses attending. There was a sobering moment when we read the list of those who have passed away since our graduation in June 1948. One of the most recent of these passings was a classmate who, when I first met him in high school, rattled my cage with a loud, jarring question. ***"LARRY, ARE YOU SAVED?"***

I have never been asked that question before, least of all by someone I had just met. It sounded more like an accusation than a question. My classmate—let's call him "George"—was utterly sincere, however. He really cared about our souls, even though his methodology probably turned-off just about everyone, including me.

I think I answered him with something like, "Well yes, I'm a member of Park EUB Church here in Reading." "But that's not what I'm asking," he replied, "I'm talking about you and the Lord person-to-person." The late-bell for class rang and I was literally "saved by the bell."

**STILL UNSETTLING**

I have often thought about his question. It can still be a bit unsettling to me. I realize that if George were still living, had attended our reunion and asked me, **"LARRY ARE YOU SAVED?"** He would still not have been satisfied with my most obvious answer: "Well, yes, I'm a retired United Methodist pastor."

So how really can we determine who is or is not a bona fide Christian? George was right; church affiliation is not a suitable answer. Neither is: "Well, I try to live by Jesus' teachings and God's commandments—and I do a pretty good job of it, if I must say so myself.' No better would it be to cite particular doctrines to which you subscribe or the quarterly statements on your church giving. Even less convincing would be a list of what you are against.

Actually, there is only one way to answer. Responding to a scribe's question about the most important commandment, Jesus replied: "...you shall love the Lord you God...and your neighbor as yourself." One does not have to be a theological scholar or genius to comprehend what Jesus is saying here.

**BY YOUR LOVE**

In John 13 Jesus makes it even more simple and plain; "By this all men will know that you are my disciples, if you have love for one another." Note that it will not be by knowledge, doctrinal purity, or religious affiliation—but by their love for one another. "A new commandment I give to you, that you love one another; even as I have loved you, that you love one another" (Jn. 13:34).

Please note that the 'love' of which Jesus is speaking is a lot more than just 'warm feelings' for others. The love of Jesus is not so much about what Jesus said as about what Jesus did for us. Enduring unjust pain and shame, he lay down his life on a cross for us—the embodiment of what he taught. He said "Greater love has no man than this, that a man lay down his life for his friends" (Jn. 15:13). He did exactly that!

This is radical love to which he calls and commands us: "Love your enemies, do good to those who hate you, bless those who curse you, pray for those who abuse you...Give to every one who begs from you; and of him who takes away your goods do not ask them again: (Luke 6:27-30).

So, this question nags at me: is this kind of love the means by which the world recognizes us as Christians? And, if not, why not?

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# Agriculture Insights

The Lancaster Chamber of Commerce & Industry

Phone: (717) 397-3531

**Guest Columnist:**
**Thomas D. Stouffer,**
**Executive Director,**
**Lancaster Farmland**
**Trust, and Member,**
**Agriculture Committee,**
**The Lancaster Chamber**

Preserving good agricultural land by placing perpetual easements on farms makes good economic sense. In fact, only by preserving our farms can we be absolutely sure that the land and infrastructure required for profitable farming will be here for the next generation-and for generations after that!

**The Big Myth**

The claim that simply keeping farms profitable today will preserve them for tomorrow is nothing but a big myth. This inaccurate assertion misses the fact that in the short run, no farmer can beat the return for building houses or otherwise "developing." Certainly, some farmers are able and willing to delay "selling out to development," but for the most part, a rational "dollars-and-cents" approach eventually dooms such efforts to failure.

If the zoning permits it and the demand is there, the farmland will continue to disappear. This simple fact points out the need for continuing an aggressive farmland preservation program-especially in areas such as southeastern Pennsylvania where the land is so fertile, and so threatened.

**Preferential Assessment**

Preferential assessment programs for agricultural use (such as "Clean and Green" in Pennsylvania) help farmers achieve some degree of tax equity. We all know that farmers pay far more in taxes than they get back in community services, and programs like Clean and Green help to make up for that disparity.

However, because those farm owners only commit to refraining from development for a limited period of time, there is no guarantee whatsoever that those farms are now or ever will be preserved. In other words, preferential assessments help keep farms profitable, but they do not preserve farms.

**Planning and Zoning**

As a part of public policy, agricultural preservation should fit into each community's long range vision, and into the County's comprehensive plan. Growth is necessary to a healthy economy, and in Lancaster County, for example, urban growth is encouraged within well-defined village and urban growth boundaries. Preservation efforts are then focused on agricultural land outside those boundaries. With good reason, it's certainly tougher to farm when urban and suburban sprawl encroaches on farmland.

Of course the zoning that proceeds from good planning helps to prevent sprawl, but we all know that the combination of development pressure and change in local government can undo years of good planning. Preservation, on the other hand-particularly when several nearby farms are preserved-reinforces good planning and zoning in agricultural areas, just as it reinforces the local long-term commitment to farming. A strong preservation ethic helps to ensure that our precious agricultural lands are not viewed as simply empty lands waiting for a so-called higher and better use. Agricultural land is already highly developed.

**The Future of Preservation**

Currently some 5% of the best farmland in Pennsylvania is preserved. Most is preserved with public funds through the Pennsylvania Farmland Preservation Program; but a significant number of farms have been preserved by non-profit organizations such as Lancaster Farmland Trust. (More than half of the Trust's easements were donated-by both "English" and Amish farmers.)

When funds are provided to preserve the thousand plus farms still on the state's waiting list, the number of preserved farms will be over 2,000, nearly 10% of our best farms. This is a remarkable accomplishment when you consider we've been farming this land for some 250 years but have been preserving it for only 20 years!

Every effort should be made to find the funds to clear the waiting list. Once that critical task is completed, we must concentrate on efforts to provide appropriate continuing property tax breaks to landowners that preserve their farms. Easements are perpetual; and some perpetual benefit should proceed from the commitment to preservation!

**Back to Economics**

The combination of planning and zoning, preferential assessments, and preservation benefits all our farmers. The record shows that critical farm infrastructure stays in place, and farms continue to get top dollar when they're sold-including preserved farms. The outlook for maintaining and enhancing farm prosperity is also bright. This is as it should be. If we can't be reasonably sure of preserving farming and farmers, we shouldn't be preserving farmland!

# Conference Topics

COLLEGE PARK, Md. – A look ahead, marketing, crop management, and environmental considerations – these are some of the hot topics to be presented during morning breakout sessions at the 19th annual Delmarva Corn and Soybean Technology Conference, Feb. 17 in the Wicomico Youth and Civic Center, Salisbury, Md.

The conference again is being sponsored by agribusinesses serving the Delmarva area and by cooperative extension at land-grant universities in Delaware, Maryland, and Virginia.

Of special interest will be a keynote address during the noon lunch hour by Alan Guebert, an award-winning agricultural journalist from the heart of central Illinois farm country. Guebert's topic will be "The Financial State of Agriculture." His syndicated column, "The Farm and Food File," appears weekly in more than 70 newspapers throughout the United States and Canada, including The Delmarva Farmer.

The Feb. 17 action gets under way at 8 a.m. with coffee, doughnuts, and edible soybean snacks, plus the opportunity for farmers, educators, and agribusiness representatives to visit up to 50 educational and trade exhibits.

Admission to the conference is free. Tickets for the noon lunch may be purchased at the door for $5 each. No advance ticket sales will be made, as in previous years. The formal program will end following the keynote speech at approximately 2 p.m., but the exhibit area will remain open for a least an hour.

Look for the Wicomico Youth and Civic Center behind the Salisbury Mall off Rt 50 in southeast Salisbury.


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Cloudy 37-44

NA—FV020

VEGETABLES ---ARTICHOKES: OFFERINGS INSUFFICIENT TO QUOTE ---ASPARAGUS: MARKET ABOUT STEADY 11 lb ctns/crts bchd AG lge ord cond 10.00 PE lge 26.00-28.00 mostly 27.00-28.00 std 27.00-28.00 sml 26.00-28.00 ---BEANS: MARKET HANDPICKED LOWER, OTHERS ABOUT STEADY buctns/crts FL Round Green Type 14.00-16.00 few 13.00 Handpicked 16.00 Kentucky Wonder Type ord cond 6.50 ---BEETS: MARKET BCHD LOWER, OTHERS ABOUT STEADY ctns bchd TX 12s 10.00 25 lb sks lse CD med 5.50-6.00 ---BROCCOLI: MARKET HIGHER ctns AZ bchd 14s 10.00 ord cond 4.00-5.00 CA bchd 14s 9.00-11.00 few 12.00 Crown Cut 13.00-13.50 ---BRUSSELS SPROUTS: OFFERINGS INSUFFICIENT TO QUOTE ---CABBAGE: MARKET ABOUT STEADY 1 3/4 bucrts & 50 lb ctns AL Round Green Type med 5.50-6.00 CD Round Green Type med few 7.00 Red Type med 8.00 FL Round Green Type med few 7.00 GA Round Green Type med 6.00 NC Round Green Type med 6.00-6.50 Red Type med 7.00-8.00 50 lb sks CD Round Green Type lge 5.25 NY Round Green Type lge 5.00-5.50 mostly 5.00-5.25 1 3/4 bucrts & 40 lb ctns NC Savoy Type med 9.00-10.00 TX Savoy Type med 10.00 ---CARROTS: MARKET ABOUT STEADY sks 48 1-lb flmbgs CA Topped med-lge 11.00-11.50 mostly 11.00 few 12.00-12.50 CD Topped med-lge 7.00 FL Topped med-lge 7.00-7.50 sks 16 3-lb flmbgs CA Topped med-lge few 12.00-12.50 sks 10 5-lb flmbgs CD Topped med-lge 7.00 50 lb sks lse CA Topped jbo 11.00-12.00 mostly 11.00 CD Topped jbo 6.50-7.50 mostly 7.00 few 8.00 FL Topped jbo 7.00-7.50 ---CAULIFLOWER: OFFERINGS LIGHT ctns flmwrpd AZ 12s few 24.00 9s few 22.00 CA 12s few 20.00-22.00 ---CELERY: MARKET 2 DZ HIGHER, OTHERS ABOUT STEADY ctns CA 2 dz 9.50-11.00 mostly 10.00 2 1/2 dz 9.50-11.00 mostly 10.00 fair cond 7.00-8.00 flmbs 30s 12.50 ---CHINESE CABBAGE: MARKET LOWER celcrts FL 10.00-11.00 ---CORN-SWEET: MARKET ABOUT STEADY wbcrts FL Yellow 4 dz min 6.00-8.00 White 4 dz min 6.00-8.00 fair cond 4.00-5.00 ---CUCUMBERS: MARKET ABOUT STEADY WAXED 1 1/9 buctns/crts MX med 12.00-14.00 few 15.00 fr qual 8.00-10.00 ord qual 7.00-8.00 sml 10.00-12.00 some 8.00 ---EGGPLANT: MARKET ABOUT STEADY 1 1/9 bucntrs wrpd FL med 6.50-7.00 ctns/crts MX 18s 6.00-8.00 mostly 7.00 few 5.00 24s 7.00 ---ENDIVE: MARKET FL HIGHER, OTHERS ABOUT STEADY 1 1/9 buctns/crts FL 12.00-13.00 mostly 12.00 ctns AZ 24s 16.00 10 lb ctns BL Witloof 17.00 ---ESCAROLE: MARKET ABOUT STEADY 1 1/9 buctns/crts FL 12.00 ctns AZ 24s 16.00 ---GARLIC: MARKET STEADY 30 lb ctns CA White col 45.00 fair cond 38.00 super jbo 42.00 fair cond 33.00 exjbo 39.00 fair cond 30.00 22 lb ctns/crts AZ White super col 30.00 col 30.00 ---GREENS: MARKET ABOUT STEADY ctns/crts bchd GA Collard 7.00 Kale 7.00 NC Collard 6.00-6.50 Kale 6.00-6.50 Mustard 7.00 Turnip Tops 7.00 Rape 7.00 TX Dandelion 12s 10.00 Kohlrabi 12s 10.00 Red 12s 10.00 Swiss Chard 12s 10.00 Red 12s 10.00 20 lb ctns MX Broccoli Rabe 24s fair qual 15.00 ---LETTUCE-ICEBERG: MARKET ABOUT STEADY ctns AZ 24s 10.00-12.00 fair cond 5.00-6.00 Wrapped 24s 11.00-13.00 30s fair cond 5.00-6.00 CA 24s 10.00 few higher fair cond 4.00-5.00 ---LETTUCE-OTHER: MARKET ABOUT STEADY ctns AZ Green Leaf 24s 9.00-11.00 Red Leaf 24s 9.00-11.00 CA Boston 24s 8.00 Green Leaf 24s 9.00-10.50 fair cond 5.00-6.00 Red Leaf 24s 9.00-10.50 FL Boston 24s 7.00-8.00 Bibb 24s 7.00-8.00 3 lb ctns CA Mesculin Mix 7.50-9.00 ---LETTUCE-ROMAINE: MARKET ABOUT STEADY ctns AZ 24s 10.00-11.00 CA 24s 10.00-11.00 fair cond 5.00-6.00 FL 24s sml 5.00-6.00 1.3 bucrts AZ 24s 13.00 ---MUSHROOMS: MARKET STEADY 10 lb ctns PA lge 12.00-12.50 med-lge 12.00-12.50 med 9.00-9.50 4 qt bkts PA med-lge 5.00-6.50 sml-med 4.00-4.50 5 lb ctns PA Oyster 16.00 Cremini 7.00 Portobellas 7.00-7.50 3 lb ctns PA Shiitake 12.00-13.00 mostly 12.50 fair qual 9.00-10.00 ctns 12 8-oz trays flmwrpd PA 8.00 ctns 10 12-oz trays flmwrpd PA 9.00-9.50 ctns 10 10-oz trays flmwrpd PA 8.00-8.50 ---OKRA: OFFERINGS INSUFFICIENT TO QUOTE ---ONIONS GREEN: MARKET ABOUT STEADY ctns bchd MX 48s 14.00-16.00 mostly 14.00 previous commitments low as 12.00 Leeks 12s 16.00 ---PARSLEY: MARKET ABOUT STEADY crts bchd FL Curly 60s 13.00 ctns bchd AZ Curly 50s 13.00 CA Curly 60s 10.00-11.00 Plain 50s 10.00-11.00 TX Plain 60s 13.00 ---PARSNIPS: TOO FEW SALES TO QUOTE ---PEAS GREEN: 10 lb ctns GU Snow Peas Decalyxed 18.00-19.00 MX Snow Peas Decalyxed few 24.00 ---PEAS OTHER: OFFERINGS NONE ---PEPPERS: MARKET ABOUT STEADY 1 1/9 buctns/crts FL Bell Type Green exlge 7.00-8.00 lge 6.00-7.00 med 5.00-6.00 Mxd Red And Green exlge 4.00-6.00 lge 5.00 Red exlge fair cond 9.00-10.00 lge fair cond 9.00-10.00 med lge 10.00-12.00 MX Bell Type Green exlge few 10.00 lge 6.00 few 8.00 med 5.00 few 7.00 5 kg ctns S Bell Type Orange 80-100mm 26.00 Red 80-100mm 21.00-22.00 Yellow 80-100mm 22.00-24.00 ---PEPPERS OTHER: 1/2 and 5/9 buctns/crts FL Jalapeno ord cond 3.00-4.00 1 1/9 buctns/crts FL Cubanelles med-lge 10.00 ---RADISHES: MARKET ABOUT STEADY ctns tpd 30 6-oz flmbgs FL 13.50 ctns tpd 14 1-lb flmbgs FL 14.00 ctns bchd FL 24s few 11.00 MX 24s 8.00-9.00 ---RHUBARB: OFFERINGS NONE ---RUTABAGAS: 50 lb sks CD CDOne med 7.00-8.00 ---SPINACH: MARKET ABOUT STEADY ctns bchd AZ Flat 24s 9.00-10.00 CA Flat 24s 9.50-10.00 ---SQUASH: OFFERINGS LIGHT 1/2 & 5/9 buctns/crts FL Yellow Straightneck sml-med 24.00 1 1/9 buctns/crts NY Acorn med 9.00-10.00 Butternut med 9.00-10.00 ctns/lugs MX Zucchini sml-med 23.00-25.00 mostly 24.00-25.00 Yellow Straightneck sml-med few 30.00 ---SWEET POTATOES: MARKET STEADY CURED 40 lb ctns NC U.S. One Jewels med 10.00-11.00 ---TOMATOES: MARKET FL 5X6S LOWER, OTHERS ABOUT STEADY 25 lb ctns FL 85% U.S. One or Better Mature Greens light red-red 5x6s 16.00-18.00 mostly 16.00-17.00 6x6s 12.00-14.00 mostly 13.00 6x7s few 12.00 Local Repack 85% U.S. One or Better Mature Greens pink-light red 5x6s 24.50 6x6s 18.50 6x7s 16.50 flts 1 lyr SP Vine Ripes light red-red 28s 30.00 flts 2 lyr MX Vine Ripes light red-red 5x5s 19.00 5x6s 17.00 5 kg ctns NL Vine Ripes light red-red med few 24.50 ---TOMATOES, CHERRY: OFFERINGS LIGHT flts 12 1-pt bkts FL light-red 15.00-17.00 mostly 16.00 MX light-red 15.00-17.00 mostly 16.00 ---TOMATOES, PLUM TYPE: OFFERINGS LIGHT 25 lb ctns FL light-red 24.00-25.00 ---TURNIPS: MARKET STEADY 40 lb cntrs NJ Purple Top med 8.00 25 lb sks NJ Purple Top med 5.00-6.00

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Cloudy 37-44 (RESENDING)

NA—FV030

ONIONS AND POTATOES ---ONIONS DRY: MARKET ABOUT STEADY US#1 OR GENERALLY GOOD QUAL AND COND UNLESS OTHERWISE STATED. Yellow Globe Type NY 50 lb sks med 7.00-9.00 mstr cntr 15 3-lb mshsks med 9.00 mstr cntr 20 2-lb mshsks med 9.00 Spanish Hybrid CO 50 lb sks jbo 13.00 fr appearance 12.00 rpkr sz 8.00-9.00 ID/OR 50 lb sks col 14.00 jbo 12.00-14.00 mostly 13.00 NV 50 lb sks jbo 13.00 UT 50 lb sks jbo 13.00 White ID/OR 50 lb sks jbo 16.00-17.00 NV 50 lb sks jbo 18.00-20.00 Red NY 25 lb sks jbo 9.00-10.00 mostly 9.00 med 7.00-8.00 some loas 5.00 ---POTATOES: MARKET STEADY US#1 SZ A WASHED OR BRUSHED UNLESS OTHERWISE STATED Russet Burbank ID bld 10 5-lb sks non sz A 8.50-9.00 50 lb ctns 40s 12.00-13.00 60s 12.00 70s 12.00-13.00 mostly 12.00 80s 11.00-12.00 mostly 11.50-12.00 90s 10.00-11.00 mostly 10.50-11.00 100s 9.00-10.00 mostly 9.00 50 lb sks 6 oz min fr qual 5.50-6.00 10 oz min fr qual 5.50 Round Red MN/ND 50 lb sks 7.50-8.00 mostly 7.50 sz B 10.00-11.50 mostly 11.50 NY 50 lb sks 7.00 sz B 9.00-10.00 Round White CD Prince Edward Island CDOne 50 lb sks 5.25-5.50 mostly 5.50 lge 6.00-6.50 LI 50 lb sks lge 6.00-6.50 PA

## Phila. Herb

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Cloudy 37-44 NA—FV055

MISC HERBS ---ANISE: TOO FEW SALES TO QUOTE ---ARRUGULA: 4/5 bucrts bchd FL 24s 13.00-14.00 ---BASIL: 1 kg ctns IS 12s 13.00 ctns bchd FL 15s 10.00 ---CELERIAC (CELERY ROOT): TOO FEW SALES TO QUOTE ---CHIVES: 1 kg ctns bchd IS 18.00 ---CILANTRO: crts lse NJ 30s 7.00 ---DILL: crts bchd FL 24s 15.00 NJ 24s fair qual 7.00 ---DRY ESCHALLOT: TOO FEW SALES TO QUOTE ---HORSERADISH: OFFERINGS INSUFFICIENT TO QUOTE ---MARJORAM: 1 kg ctns bchd IS 12s 13.00 ---MINT: OFFERINGS INSUFFICIENT TO QUOTE ---OREGANO: 1 kg ctns bchd IS 12s 13.00 ---ROSEMARY: 1 kg ctns bchd IS 12s 13.00 ---SAGE: 1 kg ctns bchd IS 12s 13.00 ---TARRAGON: 1 kg ctns bchd IS 12s 17.00 ---THYME: 1 kg ctns bchd IS 12s 13.00


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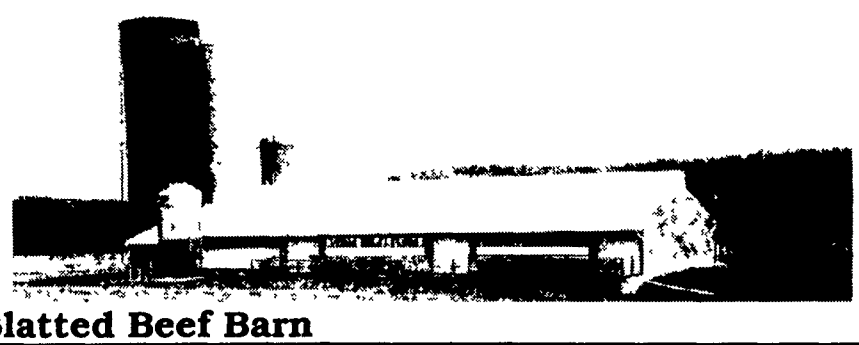
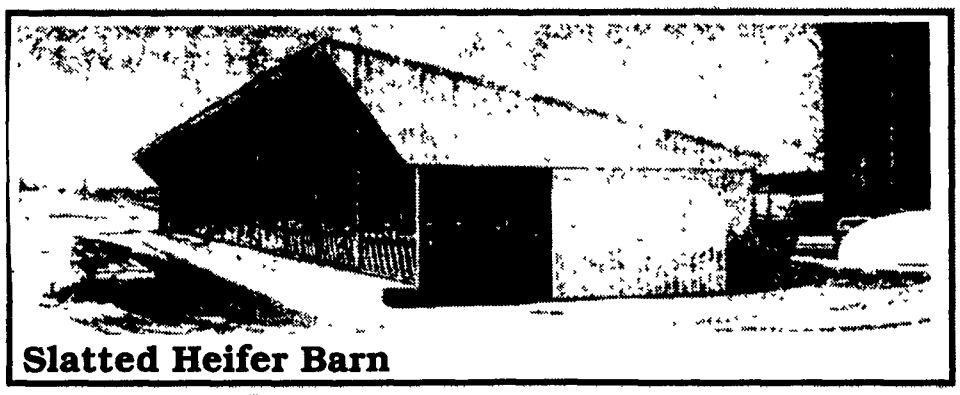
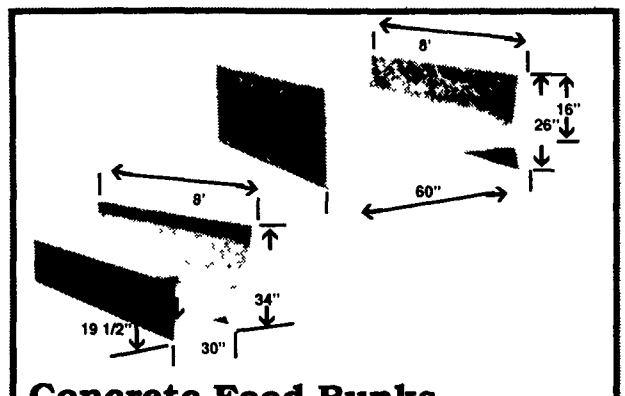

Slatted Beef Barn


Slatted Heifer Barn

Precast Concrete Bunker Silos or commodity buildings built to suit your needs. Bunkers available in 8 Ft. or 12 Ft. High.

Slatted Free Stall Barn



Concrete Feed Bunks

### Laurel DE Fruit (Seas)

THIS REPORT IS NOT CURRENTLY BEING ISSUED.

The final report for the 1998 season of the LAUREL, DELAWARE AUCTION MARKET was issued on September 17, 1998. The report will resume in the summer of 1999.

### New Jersey Fruit (Seas)

THIS REPORT IS NOT CURRENTLY BEING ISSUED.

The final New Jersey fruit shipping point report for the 1998 season was issued on October 12, 1998. The report will resume in the summer of 1999.

### St. Louis Cattle, Hogs

Springfield IL.
Monday, December 28, 1998
USDA-Il Market News Service Farmers Livestock Marketing Assoc. Greenville Illinois

No report on Monday slaughter cattle trading due to no reporters available.

### North Jersey Livestock

Hackettstown, NJ
Report Supplied by Auction
Tuesday, December 29, 1998

CALVES .05-1.15.
COWS .20-.45½ .
EASY COWS .10-.33¼ .
FEEDERS 300-600 LBS. .26-.89.
HEIFERS .19½ -.58.
BULLS .32-.49¾ .
STEERS .25-.57.
HOGS .08-.27.
ROASTING PIGS 4.00-31.00 EACH.
SOWS .05-.25.
SHEEP .03-.65.
LAMBS EACH 15.00-87.00.
LAMBS PER LB. .37-1.70.
GOATS EACH 44.00-104.00.
KIDS EACH 20.00-112.50.
TOTAL 990.

### Lebanon Valley Livestock

Fredericksburg, PA
December 29
Report Supplied by Auction

STEERS: CHOICE 1200-1280 LBS. 62.75-64.00.

HOLSTEINS: CHOICE 1400-1420 LBS. 50.50-53.00; STANDARD 46.75.

HEIFERS: CHOICE 1275-1150 LBS. 59.00-64.25; STANDARD 42.00.

COWS: BREAKING UTILITY AND COMMERCIAL 40.00-44.25; CUTTER AND BONING UTILITY 36.50-38.50; CANNER AND LOW CUTTER 28.50-35.00; SHELLS 22.00-27.50.

BULLS: YG#1 990-1880 LBS. 39.75-41.00.

CALVES: STANDARD & GOOD 75-95 LBS. 15.00-20.00.

FARM CALVES: #1 HOLSTEIN BULLS 90-115 LBS. 95.00-100.00; #2 90-115 LBS. 75.00-80.00; #1 HOLSTEIN HEIFERS 100 LBS. 28.00; #2 HOLSTEIN HEIFERS 80 LBS. 65.00.

HOGS: US#1-3 283 LBS. 23.25.

SOWS: US#1-3 385-600 LBS. 12.00-15.00, #1-3 270 LBS. 21.25.

BOARS: 750 LBS. 3.00; 785 LBS. 2.00.

SLAUGHTER LAMBS: GOOD & CHOICE 145-155 LBS. 75.00-81.00; SLAUGHTER SHEEP: 140-180 LBS. 49.00-54.00.

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# FRUIT & VEGETABLE CONVENTION

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## Tuesday, Jan. 26

**Marketing**
- Grower's Marketing Success Story
- Displays for Direct Marketing &
- Adapt or Die - Wayne Wickerham, Wickerham Farms, Ohio
- Farm Market Design
- Pennsylvania Produce . . . Simply Delicious
- How to Earn Repeat Business with a Supermarket Buyer -
- Food Safety Issues

**Basic Vegetable Production**
- Nutrient Management
- Drip Irrigation
- Equipment
- *Insect & Disease Control

**Processing Vegetables**
- *Pest Management in Peas
- Snap Bean & Pea Varieties
- Ethrel Rates for Tomatoes
- *Snap Bean Rotations, Cover Crops and Root Rot Management
- *Leafhoppers in Snap Beans
- *Snap Bean Weed Control

**Greenhouse Vegetables**
- New Varieties & Non-Traditional Crops - Robert Hochmuth, Univ. of Florida
- *Insect Control
- Greenhouse Tomatoes -Dr. Richard Snyder, Miss. State U.

**Tunnels & Row Covers**
- ** Food Quality Protection Act Update
- Heating and Ventilation
- Row Covers & High Tunnel Production- Otho Wells

**Potatoes**
- Fertility Management
- Seed Handling
- Red, White and Blue Potatoes

**Tree Fruits**
all three days

**Computer Workshop**
first two days.

## Wednesday, Jan. 27

**Peppers and Tomatoes**
- Fresh Market Varieties Dr. Randy Gardner, North Carolina State University
- *Managing Tomato Diseases
- Pepper Production
- *Weed Control in Peppers and Tomatoes

**Bedding Plants**
- Garden Mum Cultivars
- Geraniums & Fast Cropping - Dr. John Erwin, Univ. of Minnesota,
- Bedding Plant Disease Management
- Media Management
- Perennials

**Cole Crops**
- Varieties
- *Weed Control
- Production Tips

**Labor**
- Current Labor Issues
- Labor Wage/Hour Audits
- Employing Minors
- H-2A Program
- Grower Labor Experiences

**Sweet Corn Production**
- **Spray Drift
- Varieties
- Nitrate Testing for Sidedressing
- Scheduling
- Bt Sweet Corn
- *Monitoring Insect Pests

**Small Fruit**
- Blueberry Cultivars
- Processed Berrry Products
- Gooseberry Cultivars
- Grapes

**Sustainable Agriculture**
- Compost
- Cover Crops
- Soil Quality & Organic Matter
- No-Tilling Vegetable Crops

## Thursday, Jan. 28

**Vine Crops**
- Using Transplants
- *Disease, Insect and Weed Control Strategies
- Seedless Watermelon
- Pumpkins
- Soil Management

**Leafy Green Vegetables**
- Spinach
- *Weed & Disease Control in Leafy Greens - Dr. Richard Bonnano, Methuen, MA
- Lettuce Varieties

**Small Fruit**
- Marketing Berries
- Strawberries on Plastic
- Greenhouse Strawberries
- Early Strawberry Cultivars
- *Table Grape Insect & Disease Control
- *Blueberry IPM
- Blueberry Nutrition

**Cut Flowers**
- * Weed Control
- Post-harvest Handling
- Marketing
- Woody Plants
- Cultivars

**Herbs**
- Proprogating Herbs
- *Controlling Diseases
- Basic Herb Production
- Medicinal Uses

* category pesticide credits expected
** core pesticide credits expected

*sponsored by*
*State Horticultural Association of Pennsylvania,*
*Pennsylvania Vegetable Growers Association,*
*Maryland State Horticultural Society and*
*New Jersey State Horticultural Society*

***Stop at the Vegetable Growers Booth at the Farm Show***
**- we will be offering Bloomin' Onions this year besides our batter-dipped vegetables, Strawberry Surpises, broccoli/cauliflower salad and vegetable soup.**

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*April 29* - See splendid homes & gardens among the rolling hills of Eastern Chester County

**Holocaust & Temple**
*May 8* - Learn the holocaust story and attend a Jewish service Intergeneration tour for grandparents to kids

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## Phila. Fruit Mkt.

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**Prices as of 29-DEC-98**

Provided by: Fruit and Vegetable Market News, Federal-State Market News Service, USDA.

Phone: (215) 597-4536 Fax: (215) 336-0355

Cloudy 57-44 NA—FV010

CITRUS FRUITS ---GRAPEFRUIT: MARKET ABOUT STEADY 4/5 buctns FL Indian River Red 18s 12.00-13.00 23s 12.00-13.00 27s 12.00-13.00 32s 9.00-11.00 36s 9.00-10.00 40s 7.50-9.00 mostly 8.00-8.50 some 6.00 48s 7.00-8.00 56s 6.50-7.00 White 36s 5.00-6.00 40s 5.00-6.00 Star Ruby 27s 12.00-13.00 --- LEMONS: MARKET STEADY ctns AZ 140s 19.00 165s 17.00 200s 16.00 CA 95s fr qual 21.00 115s fr qual 19.00 140s fr qual 14.00-16.00 165s fr qual 15.00 --- LIMES: MARKET STEADY 10 lb ctns MX 48s 5.50-6.00 mostly 5.50 54s 5.50-6.00 mostly 5.50 40 lb ctns MX 150s 10.00-13.00 mostly 10.00 175s 10.00 200s 12.00

---MISC CITRUS: MARKET STEADY 10 lb ctns FL Kumquats 12.00 2.3 kg crts SP BOAT Clementine 24s 5.00-5.50 mostly 5.00 occ 4.75 28s 5.00-5.50 occ 4.75 32s 4.50-5.00 40s 4.50 occ 4.00 10 kg crts SP BOAT Clementine 60s 14.00-15.00 96s 16.00-17.00 ---ORANGES: MARKET ABOUT STEADY ctns CA Navel 56s 32.00-35.00 72s 28.00-33.00 88s 25.00-31.00 113s 20.00-25.00 4/5 buctns FL Hamlins 80s 12.50-13.00 100s 11.00-12.00 mostly 11.50-12.00 125s 9.50-10.00 Pineapple 80s 10.00-11.50 100s 9.00-10.50 125s 7.50-8.50 --- TANGELOS: 4/5 buctns FL Orlando 56s fr cond 7.00-8.00 64s fr cond 7.00-8.00 100s fr cond 6.00-8.00 mos 6.00-7.00 few 5.00 Minneola 48s 14.00-16.00 56s 14.00-16.00 64s 14.00-16.00 100s 13.00-15.00 ---TANGERINES: MARKET ABOUT STEADY 4/5 buctns FL Sunburst 80s 21.00 fr qual 14.00-15.00 100s 18.00-19.00 fr qual 13.00-15.00 120s 14.00-15.00 mostly 14.00 some 12.00 150s 11.00-14.00 some 10.00 ctns 12 3-lb flmbgs FL Sunburst 180s 16.00 --- TEMPLES: OFFERINGS NONE

BERRIES ---BLUEBERRIES: MARKET HIGHER flts 12 1/2-pt cups with lids CL med 22.00 ---CRANBERRIES: MARKET STEADY ctns 24 12-oz flmbgs WI Late Howe 30.00 ---MISC BERRIES: OFFERINGS LIGHT flts 12 1/2-pt bkts with lids CL Blackberries 20.00 --- RASPBERRIES: MARKET LOWER flts 12 1/2-pt bkts with lids CL Red 16.00 ONE LABEL 23.00 ---STRAWBERRIES: flts 12 1-pt bkts FL med-lge 15.00-18.00 mostly 16.00-18.00

MELONS ---CANTALOUPS: MARKET MX LOWER, GU HIGHER. 1/2 ctns/crts EC 15s 18.00 fr cond 12.00 GU 15s 22.00 18s 22.00 MX 12s 22.00 15s 22.00 18s 20.00 23s 18.00 ---HONEYDEWS: MARKET ABOUT STEADY. 2/3 ctns DR 8s 12.00 9s 10.00 EC 5s 14.00 6s 14.00-16.00 GU 5s 18.00 6s 18.00 --- MISC MELONS: OFFERINGS INSUFFICIENT TO QUOTE --- WATERMELONS: TOO FEW SALES TO QUOTE.

NON-CITRUS FRUITS ---APPLES: MARKET STEADY ctns trypk NY U.S. ExFcy Mcintosh 88s 18.00 WA WAExFcy Red Delicious 88s one label 18.00-19.00 100s one label 17.00-18.00 fr cond 10.00-12.00 Golden Delicious 80s 17.00 88s 17.00 100s 15.00 Fuji 64s 18.00 WAFcy Red Delicious 56s 10.00 64s 10.00 80s 10.00 100s 10.00 113s 10.00 125s 10.00 --- APRICOTS: ctns 2 lyr trypk CL BOAT Castlebrite 98s 12.00-13.00 mostly 12.00 Katy 108s 11.00-12.00 ---AVOCADOS: ctns 2 lyr MX Hass 36s 36.00 48s 37.00-38.00 mostly 38.00 60s 36.00 ctns 1 lyr FL Various Greenskin Varieties 7s 9.50 8s 9.50 9s 9.50 ---BANANAS: MARKET ABOUT STEADY 40 lb ctns IMPORT 10.50 fair qual 8.00-9.00 mos 9.00 sml 8.00 40 lb ctns bagged IMPORT 11.00 ctns institutional pk IMPORT petite 13.00 --- CHERRIES: NO SALES REPORTED --- FRUITS OTHER: ctns 1 lyr CA Apple Pears Seigyaku 16s 12.00 ---GRAPES: MARKET STEADY 21 lb lugs CA Ruby Red Seedless med-lge fr cond 11.00 18 lb ctns/lugs CL BOAT Perlette med-lge 22.00-23.00 ONE LABEL 30.00 med 18.00-20.00 lge 25.00-27.00 mostly 26.00 Thompson Seedless med-lge 38.00 Flame Seedless med-lge 22.00-24.00 mostly 22.00-23.00 some 25.00 lge 25.00-28.00 White Seedless Type med-lge 34.00 med fr qual 20.00-24.00 lge 37.00-40.00 Sugrone med-lge 28.00-30.00 19 lb lugs bgd CA Ruby Red Seedless med 12.00-15.00 Rouge med-lge 19.00-20.00

---KIWIFRUIT: MARKET STEADY flts 1 lyr CA 36s 7.00 ctns 22 lb lse IT 23 sz 15.00 36 sz 14.00 42 sz 13.00 --- MANGOES: MARKET STEADY flts 1 lyr EC Tommy Atkins 8s 6.00-6.50 9s 6.00-6.50 PE Haden 9s 5.00 10s 5.00 ---NECTARINES: OFFERINGS LIGHT ctns 2 lyr trypk CL BOAT May Diamond 72s 11.00-12.00 ---PAPAYA: 37 lb ctns FL Green Cooking Type 12.00 --- PEACHES: OFFERINGS LIGHT ctns 2 lyr trypk CL BOAT Various Yellow Flesh Varieties 48s fr cond 8.00-10.00 Spring Lady 48s 14.00 ---PEARS: MARKET STEADY 4/5 buctns wrpd OR U.S. One Bosc 60s 22.00 70s 22.00 80s 22.00 90s 20.00 110s 16.00 120s 16.00 WA U.S. One Bartlett 90s 28.00 ---PERSIMMONS: ctns 1 lyr CA Hachiya 18s 10.00 21s 10.00 --- PINEAPPLES: MARKET STEADY ctns 1 lyr CR golden ripe 6s 22.00 HI AIR 6s 12.00-12.50 ctns 2 lyr CR 10s 14.00 12s 14.00 14s 14.00 ---PLANTAINS: MARKET STEADY 50 lb ctns CB Yellow 15.00 EC Green 14.00 ---PLUMS: OFFERINGS LIGHT 9 kg cntrs CL BOAT Red Beaut 100 series fr cond 8.00-10.00 108s 10.00-11.00 ---POMEGRANATES: OFFERINGS NONE

## Valley Stockyards

**Athens, Pa.**
**December 28, 1998**
**Report Supplied By Auction**

HOLSTEIN HEIFER CALVES 95.00-225.00.

BACK TO FARM CALVES 95-120 LBS. 70.00-102.50, 70-95 LBS. 35.00-80.00.

SLAUGHTER CALVES 10.00-24.00.

GRASSERS AND STARTED CALVES: 23.00-56.00.

FEEDERS 45.00-62.50.

LAMBS 80.00-87.50.

SHEEP 25.00-50.00.

HOGS, 200-250 LBS., 15.00-27.00.

SOWS 8.00-16.00.

BOARS NONE.

PIGS NONE.

HEIFERS TO 41.00.

STEERS 40.00-44.25.

BULLS 39.25-42.50.

COWS GOOD 33.25-38.50.

COWS MEDIUM 29.25-34.75.

COWS POOR OR SMALL 26.50-30.00.

CATTLE MARKET STEADY.

CALF MARKET STRONG.

HORSES & PONIES NONE.

GOATS: 32.50-61.00.

GOOD DEMAND FOR BACK TO FARM MFR. CFS.

FEEDER SALE 1ST MONDY OF EACH MONTH; DAIRY SALE 3RD THURSDAY OF EACH MONTH.


# ANNUAL VEGETABLE GROWERS MEETING

**Tuesday, January 5, 1999 - 12:30 to 3 p.m.**
**at BAREVILLE FIREHALL, Bareville, PA**

**Jeff Stoltzfus -** will review vegetable test plot results from 1998 and discuss the latest varieties.

**Tim Elkner -** will make pesticide credits available

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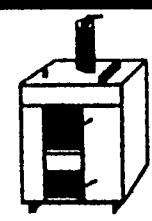

Adapts to any existing heat system Installation & Accessories Available

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**PRO-LIX LIQUID FEED**

In the dairy business, income over feed cost is the name of the game. ***Pro-Lix*** liquid feed supplements offer dairymen the means to maximize this value while getting the most from their cow's natural abilities.

***Pro-Lix*** liquid feed supplements are concentrated sources of just what ordinary feeds lack protein, energy, vitamins, minerals -- everything animals need for economical milk production and growth.

For replacement heifers, ***Pro-Lix*** means faster maturity and assurance that they'll get to the milking herd on time If you trust your heifers to forage alone, they might not make it. (Bouvatec Is Available)

For lactating cows, the nitrogen content of ***Pro-Lix*** means plenty of protein available for milk production and growth

Finally, for dry cows, ***Pro-Lix*** not only helps maintain their health during the dry period it prepares them for the next lactation The Ca·P ratio in ***Pro-Lix*** helps control milk fever, while the Vitamin E and selenium aids in clean-up after the birth of a calf

Best of all, ***Pro-Lix*** works with all types of pasture grass or forage, as a free-choice supplement, a top-dressing, or a ration mix.

***The payoff is healthier animals and economical production, all year round!***

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**Heisey Farm Service**
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## *"It just doesn't make sense"*

1. Why loose the 18% high energy oil in your own beans?
2. Why let the soybean processor take the valuable lechicin?
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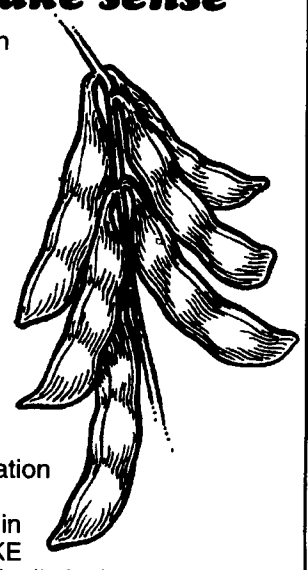

**Be sensible!**
**Let SCHNUPP'S custom roast your Soybeans**

Receive the value of added fat in your ration - MORE MILK
Get the most By-Pass Protein available in your beans - MORE PROTEIN UPTAKE
Keep all the nutritional components originally in the soybean. - MORE FLEXIBILITY
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## Oklahoma City Feeder Cattle

**Oklahoma City, OK**
**Tue Dec 22, 1998**
USDA-OK Dept Ag Market News
Oklahoma National Stockyards - Weekly Cattle Summary

Compared to last week: Demand light. Feeder cattle and calves 2.00- 4.00 lower, with spots much lower in light test of prices; market not tested as supply insufficient in any one class to make load lots. Road conditions to the sale were poor as freezing drizzle made travel slow. By mid morning blowing snow on top of light layer of ice made travel from stockyards terrible at best. Slaughter cows 1.00 lower in very light test. Few slaughter bulls steady. Demand light for minimal supply of slaughter cows and bulls. Demand and market more a function of trucking than need. With too few slaughter cattle available to make a load and no other cow sales upcoming this week buyers needed additional cost savings to pay trucking. Total of 50 cows and bulls sold with 70 percent to packers. Receipts this week 1,540; last week 10,097; last year no sale. Supply consisted of 45 percent yearlings and calves over 600 lbs; 52 percent calves under 600 lbs; 3 percent cows and bulls. Prices follow with weighted average weight and price in parenthesis.

Feeder Steers: Medium and Large 1 Calves: 350-400 lbs (381 lbs) 78.00-93.00 (86.32); 500-550 lbs (543 lbs) 75.00-76.75 (76.41); 550- 600 lbs (585 lbs) 68.00-72.00 (70.80); 605 lbs 68.75; 650 lbs 65.00; Yearlings: 670 lbs 67.50; 700-750 lbs (714 lbs) 66.00-66.25 (66.17); 750-800 lbs (772 lbs) 64.00-65.00 (64.70); 820 lbs 65.25. Holstein: Large 2 495 lbs 50.00; 715 lbs 41.75.

Feeder Heifers: Medium and Large 1 Calves: 400-450 lbs (423 lbs) 70.50-75.00 (72.16); 500-550 lbs (516 lbs) 60.00-62.00 (61.83); 570 lbs 62.50; Yearlings: 550-600 lbs (589 lbs) 64.25-66.25 (65.17); 600-650 lbs (608 lbs 63.00-65.00 (64.55); 695 lbs 62.50; 700-750 lbs (710 lbs 60.50-61.25 (61.11); 750-800 lbs (774 lbs) 58.00-60.25 (59.74); 935 lbs 45.25.

Slaughter Cows: Head %Lean Weight Average Dress High Dress Low Dress *Brk 0 75-80% *Bnr 13 80-85% 950-1300 30.50-33.00 35.00-36.00 30.50-31.00 Lean 23 85-90% 925-1150 29.50-31.50 33.00-36.50 27.00-29.00 Light 2 85-92% 800-850 24.00-29.00
*Brk=Breakers (fat cows), *Bnr=Boners (smooth cows)

Slaughter Bulls: Head Weight Average Dress High Dress Low Dress Y.G. 1-2 5 1500-2000 44.50-46.50 38.00-43.00

Estimated dressed cost at Oklahoma National Stockyards: Lean 66.35; Boners 64.85; Breakers none. Bulls 80.65.

## New Holland Sales Stables

**Report Supplied By USDA**
**Monday, Dec. 28, 1998**

| | Calves | Sheep | Goats |
|---|---|---|---|
| Today | 453 | 1666 | 1828 |
| Last Week | 310 | 1334 | 1204 |
| Last Year | 350 | 1348 | 1386 |

CALVES: NO PRICE COMPARISON FOR LATE LAST WEEK DUE TO THE HOLIDAY. TRADE WAS FAIRLY ACTIVE ON THE GOOD-SIZED OFFERING BUT CALVES DID NOT APPEAR TO BE AS FRESH AS USUAL, FOLLOWING THE LONG WEEKEND.

VEALERS: GOOD & CHOICE 70-110 LBS. 16.00-22.00. STANDARD & LOW GOOD 60-90 LBS. 10.00-15.00.

SLAUGHTER CALVES: GOOD AND CHOICE 200-300 LBS. 95.00-105.00; 300-500 LBS. 75.00-90.00. STANDARD 250-350 LBS. 55.00-65.00, FEW UP TO 70.00; 350-600 LBS. 45.00-55.00.

RETURNED TO FARM: HOLSTEIN BULLS 95-125 LBS. 62.00-102.00. PLAINER-TYPE BULLS 80-115 LBS. 30.00-55.00. HOLSTEIN HEIFERS 80-120 LBS. 180.00-240.00. FEW PLAIN HEIFERS 70-100 LBS. 100.00-150.00.

SHEEP: THERE WAS NOT A GOOD COMPARISON LATE LAST WEEK, BUT PRICE LEVELS WERE FIRM. RECEIPTS CONTINUE TO BE HEAVY DURING THIS HOLIDAY SEASON AND DEMAND WAS VERY GOOD.

SLAUGHTER LAMBS: NEW CROP: CHOICE & PRIME 2-3 30-45 LBS. 175.00-225.00; 45-60 LBS. 140.00-175.00; 60-80 LBS. 105.00-150.00; 80-100 LBS. 90.00-105.00; WOOLED: GOOD & CHOICE 2-3 40-80 LBS. 90.00-100.00, FEW UP TO 125.00; 80-100 LBS. 70.00-90.00; 100-150 LBS. 60.00-70.00. GOOD & CHOICE 1-3 80-100 LBS. 65.00-75.00.

SLAUGHTER EWES: GOOD AND CHOICE YEARLINGS AND 2-YEAR-OLDS 40.00-60.00. UTILITY AND GOOD 1-3 48.00-60.00; FEW FLESH& 2-4 DOWN TO 30.00.

GOATS: BY THE HEAD, LARGE BILLIES 110.00-160.00, FEW UP TO 225.00. MEDIUM 75.00-110.00. CHOICE AND PRIME MUTTON 75.00-110.00; LARGE NANNIES 60.00-85.00, MEDIUM 45.00-60.00; CHOICE AND PRIME YEARLINGS 60.00-90.00; CHOICE AND PRIME KIDS 40.00-70.00, GOOD 25.00-40.00.

## Four States Livestock

**Hagerstown, Md**
**December 23, 1998**
**Report supplied by Auction**

SLAUGHTER COWS: 51 HEAD. UTILITY 33.50-37.75; HIGH DRESSING UP TO 38.50; CANNERS 28.00-33.00; SHELLY 28.00 DOWN.

BULLS: 3 HEAD. YG#1 1100-1300 LBS. 46.00; YG#2 1720 LBS. 41.25.

FED STEERS: NONE.

FED HEIFERS: NONE.

VEAL CALVES: 104 HEAD. CULLS 85-120 LBS. 23.00-28.00, 60-85 LBS. 16.00-24.00.

FARM CALVES: HOLSTEIN BULLS #1 95-120 LBS. 75.00-90.00, #2 90-110 LBS. 35.00-70.00; HOLSTEIN HEIFERS #1 95-120 LBS. TO 157, 80-90 LBS. TO 70.00; BEEF X BULLS & HEIFERS $40.00-80.00.

BUTCHER HOGS: 37 HEAD. #1&3 225-275 LBS. 23.00-26.00; 275-350 LBS. 24.00-28.00

SOWS: 10 HEAD. 300-500 LBS. 13.00-18.00, 500-600 LBS. 13.00-16.00.

BOARS: 6 HEAD. 350-675 LBS. 2.25-3.30.

STOCK CATTLE: 50 HEAD. STEERS, 400-600 LBS. 58.00-61.00, 1 AT 72.00; 600-800 LBS. FEW MED. TO 51.00; HOL. 1000 LBS. TO 42.50.

HEIFERS: 300-500 LBS. 49.00-59.00; 500-700 LBS. FEW TO 54.00.

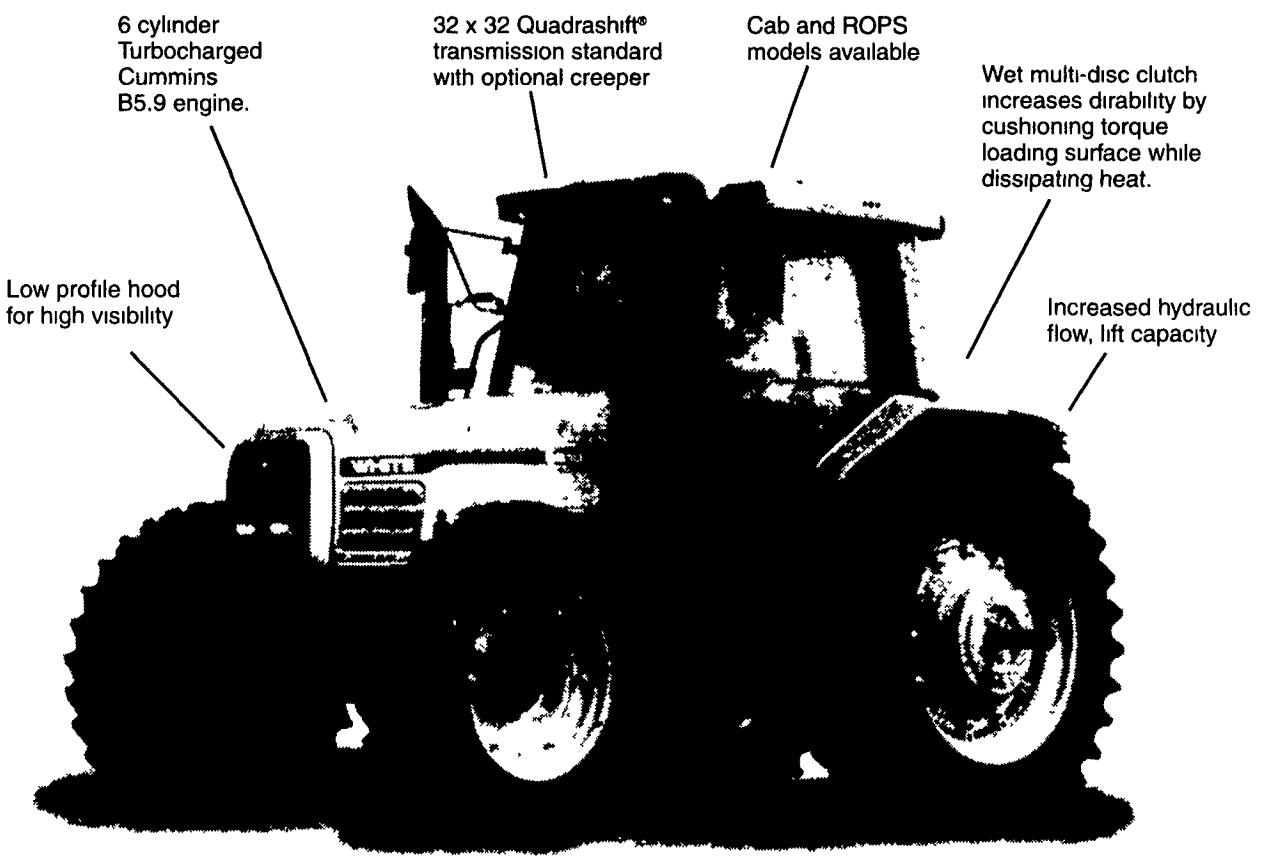
BULLS: 400-600 LBS. 53.00-62.00; 1 800 LBS. AT 45.75.

DAIRY REPLACEMENTS: 5 HEAD, FEW 850.00-1050.00; LARGE OPEN HGRS. TO 500.00; MEDIUM TO 400.00.

LAMBS: 4 HEAD. 70 LBS. AT 78.00.

GOATS: FEW TO MEDIUM TO 62.50.

PIGS & SHOATS: NONE.



6 cylinder Turbocharged Cummins B5.9 engine.
32 x 32 Quadrashift® transmission standard with optional creeper
Cab and ROPS models available
Wet multi-disc clutch increases durability by cushioning torque loading surface while dissipating heat.
Low profile hood for high visibility
Increased hydraulic flow, lift capacity

**THE 6710 AND 6810 WILL PROVE WHAT A NEW GENERATION CAN ACCOMPLISH.**

The new 95 PTO h 6710 or 110 PTO hp 6810 belong to an exciting generation of tractors that were born tough to work hard and look great while they're at it. Under the low profile hood you'll find a 6 cylinder Cummins B5.9 turbocharged diesel. The 6710 and 6810 also offer Quadrashift® transmission, impressive new performance capacities and more operator comfort than ever before.

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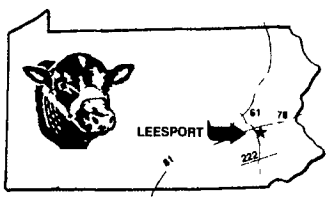
LEESPORT, BERKS COUNTY, PA 19533 (610) 926-1307
**LIVESTOCK AUCTION**
EVERY WEDNESDAY - 1:00 P.M.




Farmers Market 9:00 AM to 8:00 PM
Flea Market 7:00 AM to ??
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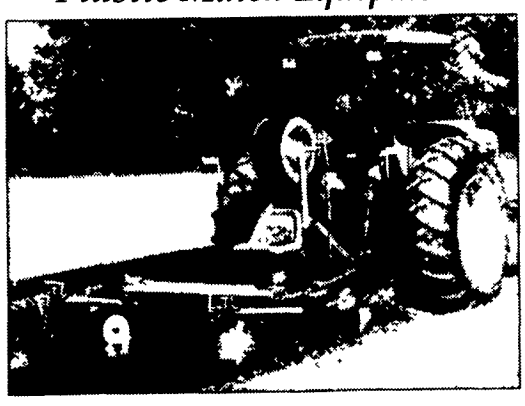
*Irrigation And Plastic Mulch Equipment*



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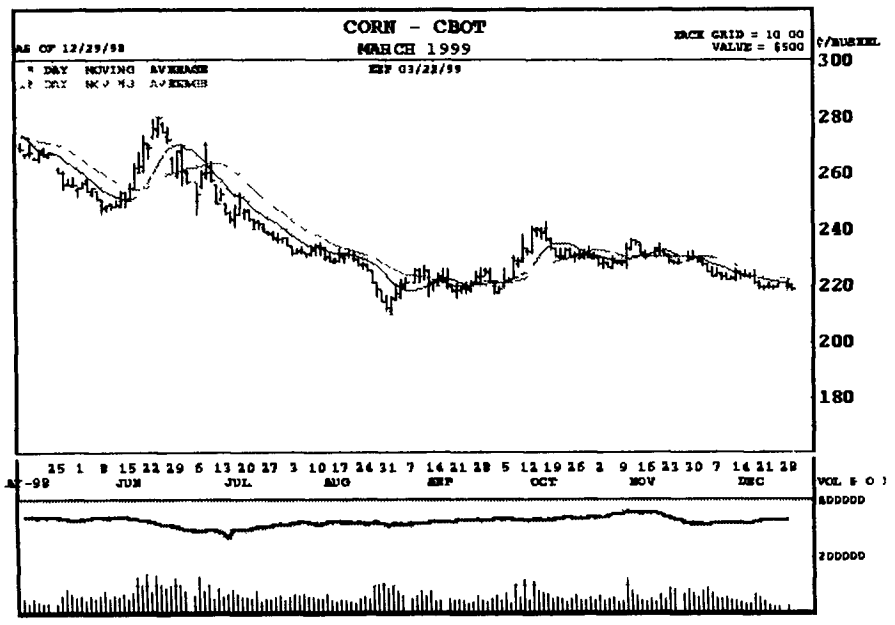
# GRAIN, CATTLE, HOG, & MILK BFP FUTURES MARKETS

**Markets Courtesy Of Chicago Board and Mercantile Exchange**

**(Closing bids: Tuesday, December 29, 1998)**



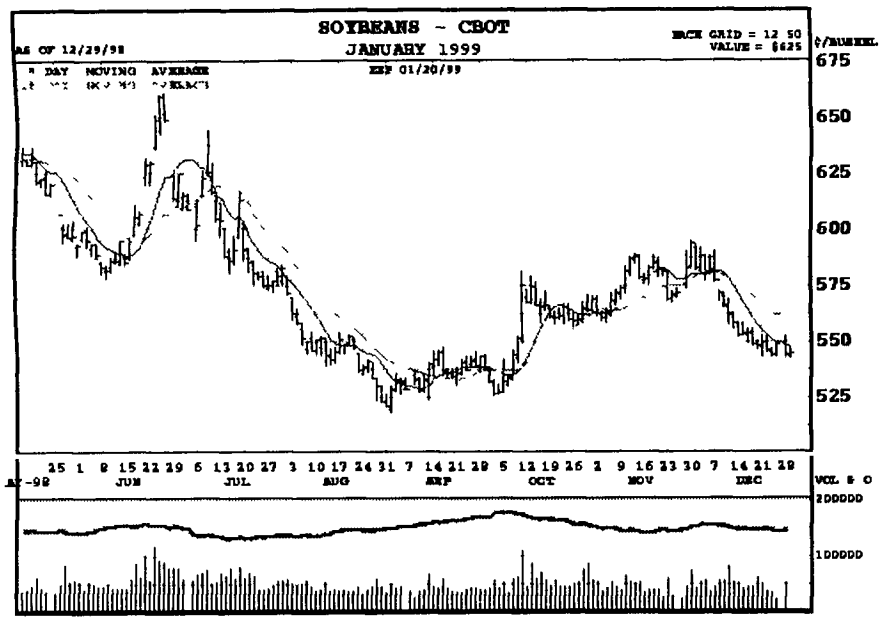

Volume and Open Interest | Stochastic | Relative Strength

| Symbol | | Open | High | Low | Last | Chge |
|---|---|---|---|---|---|---|
| CH9 | - 12/29/98 | 2190 | 2194 | 2182 | 2186 | 4 |

| Moving Average | | | Momentum | | |
|---|---|---|---|---|---|
| Day | 09 | 18 | 40 | 09 | 18 | 40 |
| | 2197 | 2215 | 2261 | -44 | -84 | 110 |

| Stochastic | | | Directional Indicator | | | |
|---|---|---|---|---|---|---|
| Day | 09 | 14 | 20 | Day | 09 | 14 | 20 |
| Sto | 10 71 | 10 00 | 6 25 | ADX | 18 30 | 13 51 | 11 07 |
| %k | 17 58 | 15 85 | 9 33 | -DI | 18 12 | 19 42 | 19 84 |
| %d | 18 78 | 15 66 | 9 79 | +DI | 14 99 | 16 67 | 18 72 |

| Relative Strength | | | Historic Volatility | | | |
|---|---|---|---|---|---|---|
| Day | 09 | 14 | 20 | Day | 09 | 14 | 20 |
| | 31 27 | 34 19 | 37 58 | | 7 99% | 8 33% | 8 63% |



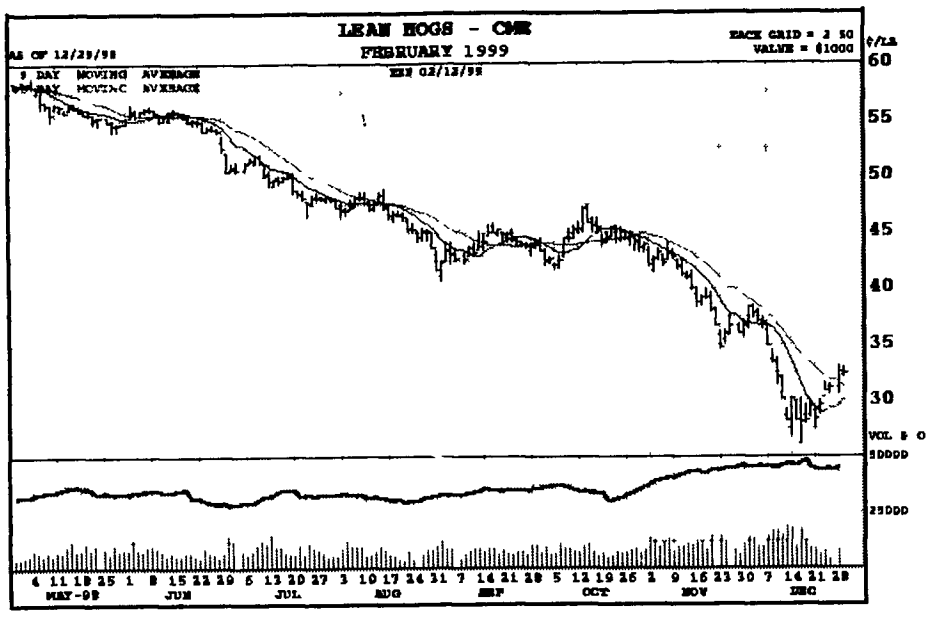

Volume and Open Interest | Stochastic | Relative Strength

| Symbol | | Open | High | Low | Last | Chge |
|---|---|---|---|---|---|---|
| SF9 | - 12/29/98 | 5426 | 5462 | 5122 | 5436 | +4 |

| Moving Average | | | Momentum | | |
|---|---|---|---|---|---|
| Day | 09 | 18 | 40 | 09 | 18 | 40 |
| | 5166 | 5566 | 5677 | 92 | -440 | -244 |

| Stochastic | | | Directional Indicator | | | |
|---|---|---|---|---|---|---|
| Day | 09 | 14 | 20 | Day | 09 | 14 | 20 |
| Sto | 11 32 | 5 22 | 2 99 | ADX | 41 13 | 28 66 | 21 52 |
| %k | 11 41 | 4 93 | 3 94 | -DI | 23 07 | 23 75 | 23 15 |
| %d | 11 63 | 5 86 | 5 38 | +DI | 13 19 | 14 86 | 17 17 |

| Relative Strength | | | Historic Volatility | | | |
|---|---|---|---|---|---|---|
| Day | 09 | 14 | 20 | Day | 09 | 14 | 20 |
| | 30 94 | 34 84 | 38 85 | | 8 64% | 8 73% | 11 13% |

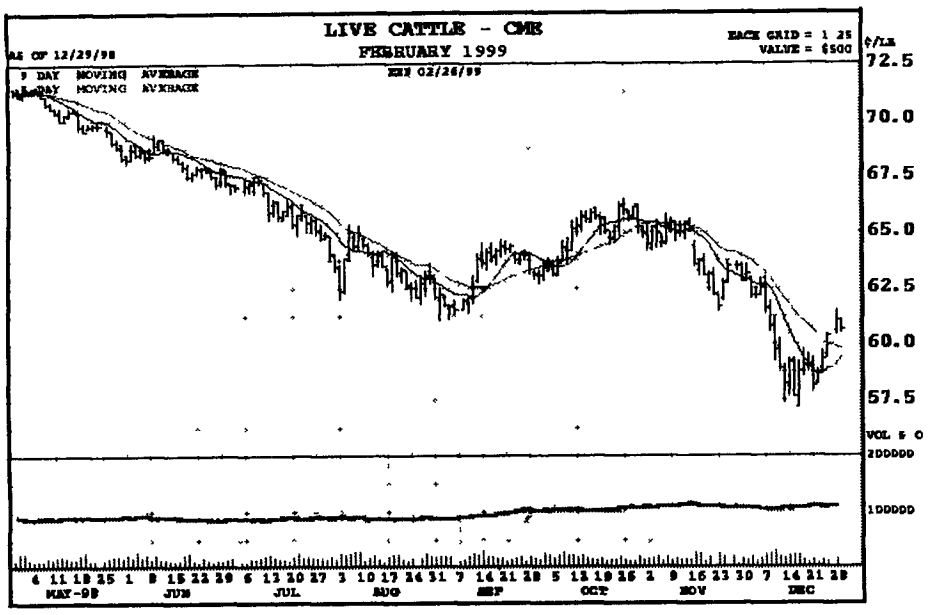



| Symbol | | Open | High | Low | Last | Chge |
|---|---|---|---|---|---|---|
| LHG9 | - 12/29/98 | 3210 | 3285 | 3195 | 3230 | -10 |

| Moving Average | | | Momentum | | |
|---|---|---|---|---|---|
| Day | 09 | 18 | 40 | 09 | 18 | 40 |
| | 2998 | 3112 | 3567 | +423 | 547 | -1155 |

| Stochastic | | | Directional Indicator | | | |
|---|---|---|---|---|---|---|
| Day | 09 | 14 | 20 | Day | 09 | 14 | 20 |
| Sto | 90 55 | 81 12 | 50 53 | ADX | 49 13 | 47 50 | 41 24 |
| %k | 80 44 | 59 63 | 42 20 | -DI | 28 02 | 32 08 | 33 59 |
| %d | 64 03 | 42 41 | 33 20 | +DI | 21 60 | 18 32 | 16 98 |

| Relative Strength | | | Historic Volatility | | | |
|---|---|---|---|---|---|---|
| Day | 09 | 14 | 20 | Day | 09 | 14 | 20 |
| | 54 38 | 46 99 | 43 38 | | 42 95% | 71 88% | 66 86% |

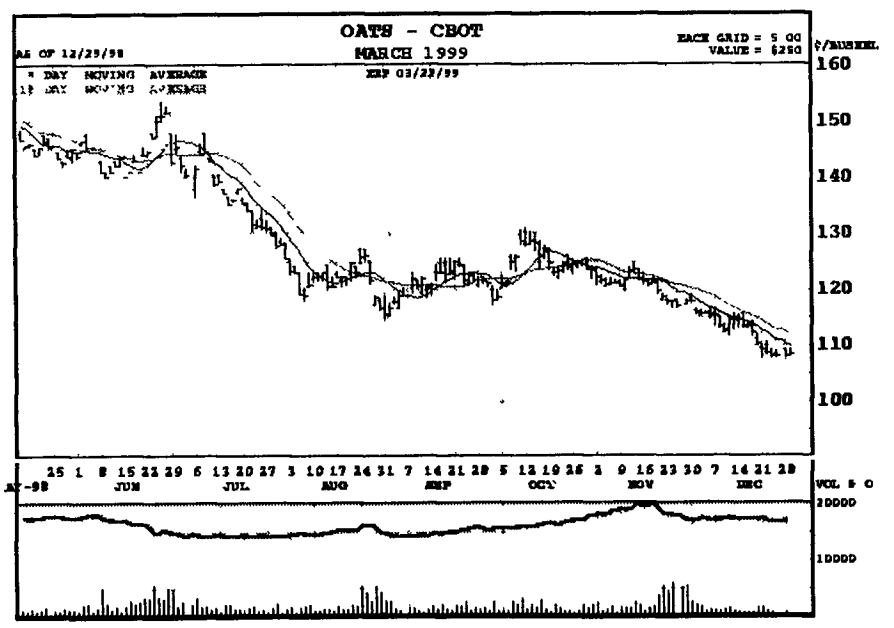



| Symbol | | Open | High | Low | Last | Chge |
|---|---|---|---|---|---|---|
| LCG9 | - 12/29/98 | 6100 | 6100 | 6045 | 6060 | -40 |

| Moving Average | | | Momentum | | |
|---|---|---|---|---|---|
| Day | 09 | 18 | 40 | 09 | 18 | 40 |
| | 5940 | 5971 | 6199 | +298 | -155 | -430 |

| Stochastic | | | Directional Indicator | | | |
|---|---|---|---|---|---|---|
| Day | 09 | 14 | 20 | Day | 09 | 14 | 20 |
| Sto | 80 80 | 80 80 | 54 33 | ADX | 36 50 | 32 28 | 27 15 |
| %k | 76 44 | 61 30 | 46 19 | -DI | 21 07 | 24 54 | 25 88 |
| %d | 62 23 | 44 05 | 35 83 | +DI | 27 32 | 22 81 | 20 83 |

| Relative Strength | | | Historic Volatility | | | |
|---|---|---|---|---|---|---|
| Day | 09 | 14 | 20 | Day | 09 | 14 | 20 |
| | 54 91 | 49 45 | 46 91 | | 16 5/% | 22 52% | 20 87% |




## BFP Milk Futures:
## Settlement Prices as of 12/29/98 07:00 PM

| MTH/ STRIKE | OPEN | DAILY HIGH | DAILY LOW | LAST | SETT | PT CHGE | EST VOL | PRIOR DAY SETT | PRIOR DAY VOL | PRIOR DAY INT |
|---|---|---|---|---|---|---|---|---|---|---|
| DA BFP MILK FUTURES | | | | | | | | | | |
| DEC98 | 17.30 | 17.33 | 17.27 | 17.33 | 17.32 | +12 | 38 | 17.20 | 1 | 911 |
| JAN99 | 15.89 | 16.09 | 15.89 | 16.05 | 16.04 | +21 | 76 | 15.83 | 21 | 718 |
| FEB99 | 13.61 | 13.68 | 13.58 | 13.68 | 13.68 | +12 | 29 | 13.56 | 16 | 433 |
| MAR99 | 12.75 | 12.76 | 12.75 | 12.76 | 12.76 | +2 | 6 | 12.74 | 5 | 363 |
| APR99 | 12.36 | 12.38 | 12.36 | 12.38 | 12.38 | +1 | 9 | 12.37 | 9 | 323 |
| MAY99 | 11.96 | 11.98 | 11.96 | 11.98 | 11.98 | +3 | 5 | 11.95 | 6 | 236 |
| JUN99 | 12.04 | 12.04 | 12.04 | 12.04 | 12.04 | +2 | 6 | 12.02 | 2 | 193 |
| JLY99 | 12.40 | 12.41B | 12.40 | 12.40 | 12.40 | UNCH | 1 | 12.40 | 2 | 159 |
| AUG99 | 12.66 | 12.66 | 12.65 | 12.65 | 12.65 | UNCH | 2 | 12.65 | | 120 |
| SEP99 | 13.09 | 13.10 | 13.09 | 13.10 | 13.10 | +2 | 5 | 13.08 | 3 | 94 |
| OCT99 | 13.40 | 13.40 | 13.40 | 13.40 | 13.40 | UNCH | 1 | 13.40 | 1 | 168 |
| NOV99 | 13.00 | 13.00 | 13.00 | 13.00 | 13.00 | UNCH | 1 | 13.00 | 1 | 39 |
| TOTAL | | | | | | EST.VOL | | VOL | OPEN INT. | |
| TOTAL | | | | | | | 179 | | 67 | 3757 |

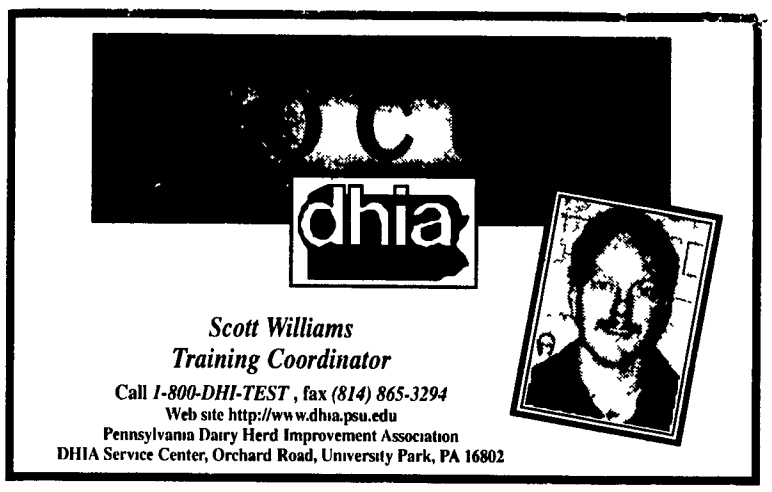
Volume and Open Interest | Stochastic | Relative Strength

| Symbol | | Open | High | Low | Last | Chge |
|---|---|---|---|---|---|---|
| OH9 | - 12/29/98 | 1080 | 1090 | 1080 | 1082 | +2 |

| Moving Average | | | Momentum | | |
|---|---|---|---|---|---|
| Day | 09 | 18 | 40 | 09 | 18 | 40 |
| | 1094 | 1116 | 1161 | -50 | -70 | -152 |

| Stochastic | | | Directional Indicator | | | |
|---|---|---|---|---|---|---|
| Day | 09 | 14 | 20 | Day | 09 | 14 | 20 |
| Sto | 11 54 | 9 09 | 8 33 | ADX | 45 77 | 38 29 | 30 37 |
| %k | 9 03 | 7 54 | 6 14 | -DI | 27 16 | 28 58 | 29 13 |
| %d | 11 36 | 9 13 | 6 85 | +DI | 8 19 | 10 01 | 11 86 |

| Relative Strength | | | Historic Volatility | | | |
|---|---|---|---|---|---|---|
| Day | 09 | 14 | 20 | Day | 09 | 14 | 20 |
| | 17 39 | 20 92 | 25 51 | | 9 94% | 12 74% | 12 27% |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Training Coordinator
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Web site http://www.dhia.psu.edu
Pennsylvania Dairy Herd Improvement Association
DHIA Service Center, Orchard Road, University Park, PA 16802

*Dairyman To Dairyman*

GEORGE CUDOC
PA DHIA
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**QUESTION:** What does percent cow days mean? Can we use this number to manage our herd?

**ANSWER:** Percent cow days can be found several places in reports from PA DHIA. The first place we see this number is on Herd Summary I, which is blue in color.

It is described as "Test Period Daily Average," and the fourth column is "% Days In Milk."

We also find the same number on the backside of Herd Summary II, where it is also labeled as "Test Period Daily Averages." The fourth column is "% Days In Milk."

Now, let us look at what this number means.

At any given time, your herd has cows that are milking and some that are resting and dry.

Total cows in milking herd, times (multiplied by) the days in the test period, equals the "total cows days" in the test period.

The actual total days that cows were milking is the "milking days" in the test period.

Milking days, divided by total days, times (multiplied by) 100, gives the "percent cow days in milk."

(Editor's Note: Days In Milk is frequently abbreviated in dairy industry text as DIM.)

Let's look at an example:

**GIVEN:**
**1. 100 cows in a herd.**

**2. Days from test day to test day is 30.**

**3. There are 2,562 total Milk Days**

**TOTAL DAYS = # COWS IN HERD X TEST DAY INTERVAL**

**% COW DAYS IN MILK = MILK DAYS ÷ TOTAL DAYS X 100.**

**∴ THEREFORE:**
**1. 100 X 30 = 3,000;**

**2. (2,562 ÷ 3,000) = .854**

**.854 X 100 = 85.4 % COW DAYS IN MILK**

If this same herd is reported to be at "91 % Days In Milk," then: **3,000 X 91 % = 2,730 days milked.**

To know if this can be a management tool, we must look at some factors that contribute to this number. Freshening a large number of cows in the period will cause an increase in percent cows days in milk.

Brining new heifers into the herd at freshening will also show an increase. Drying cows off early or cows with extended dry periods will cause a decrease in percent cow days in milk.

In theory, a herd that milks all cows for 305 days and then allows them to dry for 60 days would attain a percent cow days in milk of 83.56 % ((305/365) X 100 = 83.56).

This would be a goal for herds if we lived in a perfect world, but we do not.

Currently the state average is 87 percent Days In Milk.

This means that the average PA DHIA cows milks for 317 days and then is put dry.

That is okay if we have the cow bred on time and she stands dry for 60 days. What happens when she is dry longer?

Now we see that the percentage Days in Milk goes down and profits along with it.

How do we use information like % DIM?

I wish I could say that there is a number everyone should work towards, but there is not.

We can use this number to help analyze our herd's milking performance.

When we evaluate management changes that cause production increases for milking cows, we need to keep in mind that the particular change is affected by the makeup of the herd. This is how I use percentage days in milk.

For instance, if a herd has production increase from 67 to 71 pounds and percentage days in milk stays the same then we have a true increase.

On the other hand, if % DIM increases from 78 percent to 84 percent during this same increase, then the real response to our efforts is less than the 4-pound increase that we had.

In this case, a 4-pound increase is 6 percent, and coincides with a 6-percent increase in days in milk, or freshness of the herd.

This is a truer evaluation of management changes, than just looking at milk response.

Another example has a herd producing 80 pounds per cow for three straight months.

On the fourth month, the average drops to 73 pounds. What happened?

By looking at %DIM, we see no change during the first three months. On the fourth month, this drops from 86 percent to 83 percent.

My read here would be that, even though we could predict that production would drop due to changes in freshness of the herd, it is too severe a drop, and something negative has occurred in our management scheme.

The near 9-percent drop in production was partly due to our herd makeup, but probably only a 2- to 3-pound loss should have been expected.

We need to look at the 4- to 5-pound loss not due to herd makeup.

This is my explanation of percent Days In Milk, and how to use it to evaluate true herd performance.

I am sure some of you feed people out there have had the misfortune of trying new products on farms only to fall completely flat.

Use this %DIM information to realistically predict herd production potential before you make unattainable promises.

Again, the value of PA DHIA records shines through.


# Commander Series Trailer Sprayer

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**Sets the Industry's standard for precision, efficiency and safety**

**Features:**
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  - fast and friction free adjustment provides up to 88" crop clearance
- Tank design optimizes agitation for uniform mixture
  - centrally located sump empties tank completely
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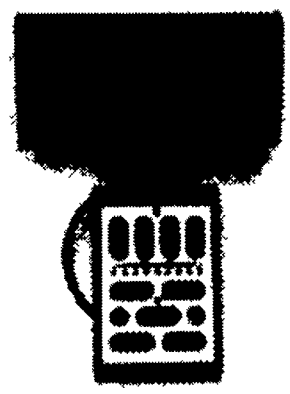
  - flushes control unit, pump, filters, boom lines and main tank
  - mounted under main tank providing sprayer stability and accessibility for filling
- HARDI Color-coded Manifold Valve Control System
  - controls sprayer functions quickly and easily
- High ground clearance - 27"
- HARDI Self-priming Diaphragm Pump
- Eagle Boom with Patented Self-stabilizing Suspension
  - provides smooth ride and level boom in rough fields at high speeds
  - boom widths from 45' to 90'



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| CARLISLE, PA<br>**CARLISLE FARM SERVICE**<br>260 York Road<br>**717-243-4419** | EVERETT, PA<br>**MORRIS INTERNATIONAL, INC.**<br>Rt. 26 North<br>**814-652-6101** | NEW ALEXANDRIA, PA<br>**LONE MAPLE SALES**<br>Route 119<br>**724-668-7172** | OREFIELD, PA<br>**ECKROTH EQUIPMENT**<br>4910 Kernsville Road<br>**610-366-2095** |
| CHAMBERSBURG, PA<br>**CHAMBERSBURG FARM SERVICE**<br>975 S. Main St.<br>**717-264-3533** | GLEN ROCK, PA<br>**WERTZ FARM EQUIPMENT**<br>PA Route 516, RD 3<br>**1-800-839-1992** | NEW HOLLAND, PA<br>**ABC GROFF, INC.**<br>110 S. Railroad Ave.<br>**717-354-4191** | RICHLAND, PA<br>**LEBANON VALLEY IMPLEMENT**<br>700 East Linden St.<br>**717-866-7518** |
| CLINTON, PA<br>**DOTTERER EQUIPMENT**<br>Route 64<br>**1-800-356-3397** | KLINGERSTOWN, PA<br>**STANLEY'S FARM SERVICE**<br>RD #1 Box 46, Off Rt. 125<br>**717-648-2088** | NEWPORT, PA<br>**SMITH FARM EQUIPMENT**<br>30 Aucker Rd.<br>**717-567-3562** | SHILOH, NJ<br>**FARM RITE, INC.**<br>122 Old Cohansey Rd.<br>**609-451-1368** |



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**Thank You**
**Jerry Winstead**



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**"SUN-MAR" Composting Toilets**

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- **NO Septic System**
- **NO Chemicals**

*Save the Environment! Recycle Back to Nature!*

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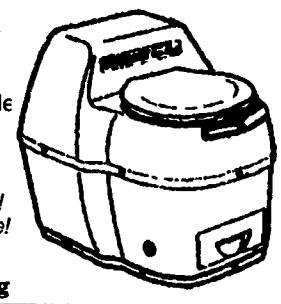

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## Eighty-Four Livestock Auction

**Eighty-Four, Pa.**
**Dec. 28, 1998**
**Report Supplied By PDA**

CATTLE 169 [PDA and Supplied by the auction] sl cows and bulls steady SLAUGHTER STEERS couple Choice 2 3 1200-1250 lbs 56 00-67 00, few Select 50 50-54 00, few Standard 1-2 43 50-50 00

HOLSTEINS few Select 46 50-51 00

HEIFERS few Standard 1-2 36 50-45 00

COWS Breakers 75-80% lean 34 00-38 75, Boners 80-85% lean 30 00-34 50, Lean 85-90% lean 22 00-30 00 Shells 15 00-24 50

BULLS Yield Grade 1 995-1450 lbs 43 00-46 50, one at 56 50, Yield Grade 2 990-2065 lbs 36 00-40 00

FEEDER CATTLE STEERS couple Medium and Large 1 550-675 lbs 60 50-61 00, couple Medium and Large 2 485-665 lbs 51 50-54 50, HEIFERS Medium and Large 1 315-700 lbs 54 00-61 00, Medium and Large 2 300-995 lbs 43 00-51 00, few to 35 00, BULLS few Medium and Large 1 495-600 lbs 53 50 61 00, 435-650 lbs 37 00-55 00

CALVES 145 [All calves sold per cwt]

VEALERS few Choice 135 165 lbs 70 00-80 00, few Good 125 135 lbs 45 00-60 00, Standard and Good 90-125 lbs 25 00-35 00, 70-85 lbs 20 00 30 00, Utility 60-80 lbs 10 00 20 00

FARM CALVES Holstein bulls steady to 5 00 higher No 1 Holstein bulls 90-125 lbs 80 00-115 00 mostly 87 50-100 00, No 2 70-125 lbs 40 00-80 00, few No 1 Holstein heifers 80-115 lbs 130 00-180 00, few No 2 75-135 lbs 80 00-120 00 Beef type bulls and heifers 75 120 lbs 50 00-97 50, few 165 260 lbs 60 00 96 00

HOGS 6 BARROWS AND GILTS 45-50% lean 260-270 lbs 36 00-42 00

SOWS one US 1-3 425 lbs 16 00

BOARS 400 710 lbs 3 60-7 50

FEEDER PIGS 8 US 1-3 48-52 lbs 15 50 --- per head

SHEEP 152 SLAUGHTER LAMBS High Choice and Prime 100-120 lbs 55 00-64 00, Choice 80-100 lbs 74 00-86 00, 60 78 lbs 82 00-94 00

FEEDER LAMBS Good and Choice 40-75 lbs 47 50-75 00

SLAUGHTER SHEEP 26 00 43 00

GOATS 7 Large Billies 60 00-71 00, Medium 30 00-50 00 -- per head

## New Wilmington Livestock Auction

**New Wilmington, Pa.**
**Dec. 21, 1998**
**Report Supplied By PDA**

SALE NOT REPORTED DECEMBER 28, 1998!

CATTLE 109 [PDA] Compared to last week's sale slaughter cows steady to 2 00 higher

SLAUGHTER STEERS few Standard 1-2 37 00-46 00

SLAUGHTER COWS Breakers 75-80% lean 32 00-36 75, 70-75% 24 25-29 50, Boners 80 85% lean 28 00-33 50, Lean 85-90% lean 24 00-28 50 Shells down to 19 50

BULLS couple Yield Grade 2 1220 & 1375 lbs 34 00 & 37 00

FEEDER CATTLE HEIFERS few Medium 1-2 475-525 lbs 39 50-43 00, BULLS few Medium 1 445-665 lbs 43 00 47 50

CALVES 157 VEALERS Standard and Good 75 105 lbs 20 00-29 00, Utility 55 75 lbs 6 00 15 00

FARM CALVES No 1 Holstein bulls 120-145 lbs 65 00-80 00, 90-115 lbs 81 00-91 00, 80-85 lbs 28 00-37 00, No 2 90-120 lbs 60 00-82 50, few No 1 Holstein heifers 90-110 lbs 170 00 230 00, No 2 70-165 lbs 42 50-150 00 Few beef type bulls and heifers 110 120 lbs 80 00-90 00

HOGS 246 Barrows and gilts 50 to 2 50 lower

BARROWS AND GILTS 49-54% lean 210 270 lbs 18 50 22 00, few 24 00 45-50% lean 200-270 lbs 14 50-20 00, 40 45% 230-290 lbs 12 00-18 50

SOWS US 1-3 300 600 lbs 6 00-14 50, few Medium 260-400 lbs 3 00-6 00

BOARS few 475-675 lbs 3 50-3 75

FEEDER PIGS 44 US 1-3 15-40 lbs 4 00-5 00, 40-90 lbs 6 00-24 00 -- per head US 1-3 100-150 lbs 10 00-27 00 --- per cwt

SHEEP 96 SLAUGHTER LAMBS High Choice and Prime 60-75 lbs 80 00-95 00, Choice 60-75 lbs 52 50-70 00, 75 110 lbs 58 00-64 00

NEW CROP LAMBS few Choice 55 lbs 117 50

SLAUGHTER SHEEP 20 00-39 00

GOATS 30 Few Large 60 00-67 50, Medium 25 00-60 00, few Small 25.00-35 00 --- per head

## Mercer Livestock Auction

**Mercer, Pa.**
**Dec. 29, 1998**
**Report Supplied By PDA**

CATTLE 179 [SUPPLIED BY THE AUCTION] Compared to last week's sale slaughter steers were mostly 2 00 to 4 00 higher, sl cows 1 00 to 3 00 higher

SLAUGHTER STEERS Choice 2-3 1125-1450 lbs 59 50-64 00, Select 1-3 53 00-58 00

HOLSTEINS High Choice and Prime 2-3 1300-1680 lbs 53 85-57 50, Choice 2-3 1300-1500 lbs 54 75-58 00, Select 1-2 1050 1200 lbs 48 50-52 00

HEIFERS Choice 2-4 1020-1300 lbs 57 00 64 00

COWS Breakers 75-80% lean 33 50-38 50, couple at 39 50, Boners 80-85% lean 27 00-32 50, Lean 85-90% lean 24 00-28 50

BULLS Yield Grade 1 1400 2200 lbs 36 50-50 00

FEEDER CATTLE STEERS 450-600 lbs 54 00-66 00, HEIFERS 425-550 lbs 58 00-60 25

CALVES 135 VEALERS Choice 130-160 lbs 55 00-72 00, Standard and Good 75-130 lbs 35 00-60 00, Utility 65-90 lbs 10 00-30 00

FARM CALVES No 1 Holstein bulls 95 110 lbs 85 00-105 00, No 2 90 130 lbs 60 00-90 00, No 1 Holstein heifers 100-120 lbs 160 00-215 00, No 2 85-100 lbs 75 00-140 00 Beef type bulls & heifers 75-110 lbs 45 00-80 00

HOGS 50 Barrows and gilts were higher

BARROWS AND GILTS 49-54% lean 240-260 lbs 28 25-32 00

SOWS US 1-3 375-600 lbs 14 00 16 00

FEEDER PIGS [No headage] US 1-3 45-110 lbs 6 00-8 00

SHEEP [No headage] SLAUGHTER LAMBS 80 110 lbs 60 00-92 00

GOATS 1 One Billy at 26 00

## Middleburg Livestock Auction

**Middleburg, Pa.**
**Dec. 29, 1998**
**Report Supplied By PDA**

CATTLE 373 [PDA] Compared to last week's sale slaughter steers mostly 2 00 higher, sl cows strong with spots to 3 50 higher, sl heifers 1 50 higher

SLAUGHTER STEERS High Choice and Prime 2-4 1200-1470 lbs 62 00-64 75, Choice 2-3 1025-1370 lbs 57 75-62 75, Select 1 3 53 00-57 75, few Standard 1-2 46 00 52 00

HOLSTEIN STEERS Choice 2-3 1165 1595 lbs 50 00-54 25, Select 1-2 45 00-50 50, few Standard 1-2 37 25-40 00

HEIFERS High Choice and Prime 2-4 1055-1495 lbs 62 50-61 75, Choice 2-4 1065-1485 lbs 57 00-61 75, Select 1-3 53 00-57 75, Standard 1-2 40 00-47 00

**Some markets not available due to the holiday**

COWS Breakers 75-80% lean 34 25-40 00, one at 42 25, Boners 80-85% lean 34 00-38 50, few low dressing down to 33 25, Lean 85-90% lean 29 25-36 50 Shells down to 15 00

BULLS few Yield Grade 1 1100-1810 lbs 44 00-44 75, couple Yield Grade 2 945 & 1620 lbs 36 00 & 41 00

FEEDER CATTLE STEERS one Medium 1 515 lbs at 64 00, few 835-905 lbs 50 00-56 00, few Medium and Large 2 465-500 lbs 40 50-49 00, 765-1065 lbs 45 00-47 00, HEIFERS Medium and Large 1 450-620 lbs 48 50-53 00, 685 990 lbs 40 00-47 50, Large 1-2 320 565 lbs 55 00-58 50, BULLS Medium 1-2 335-590 lbs 47 00-61 00, 600-760 lbs 43 00-55 00, few Large 2 585-900 lbs Holsteins 40 50-45 00

CALVES 243 VEALERS one Choice 245 lbs at 85 00, Standard and Good 70-115 lbs 19 00-25 00, Utility 50-75 lbs 10 00-18 00

FARM CALVES Holstein bulls 7 00 to 10 00 higher, Holstein heifers steady to strong No 1 Holstein bulls 90-125 lbs 77 50-107 00, 80-90 lbs 65 00-92 50, No 2 90-120 lbs 45 00-82 50, 80-90 lbs 25 00-40 00, No 1 Holstein heifers 80-110 lbs 147 50-232 00, No 2 70-100 lbs 75 00-132 00 Few beef type bulls and heifers 75-90 lbs 30 00-47 50

HOGS 333 (12/28 & 29/98) Bulk of supply sold on Monday and reported by the auction

BARROWS AND GILTS 49-54% lean 235-270 lbs 23 00-25 50 late sales 25 00-31 00, 45-50% lean 230-275 lbs 17 50-22 50, 40-45% 270-365 lbs 22 00-26 00

SOWS US 1-3 310-485 lbs 10 00-19 00 with late sales to 24 00, 515-675 lbs 12 50-17 00

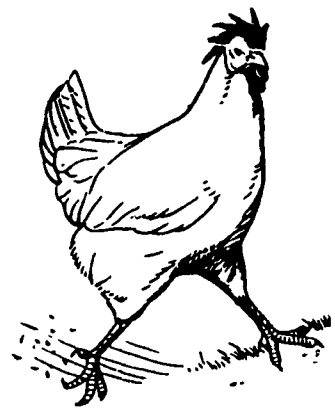
BOARS couple 430 & 635 lbs 3 50 3 75, one 280 lbs at 7 00

FEEDER PIGS 27 US 1-3 25-35 lbs 2 00-3 00 --- per head

SHEEP 11 SLAUGHTER LAMBS couple Choice 120 & 130 lbs 57 00 & 66 00

SLAUGHTER SHEEP 29 00-40 00 with one at 44 00

GOATS 13 Couple Large Billies at 111 00, Medium 47 00-65 00, few Large Nannies 44 00-54 00, few Large Kids 25 00-37 00 --- per head

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Tuesday . . . . January 12. . . 7:00 P.M. . . . Calf & Yearling
Tuesday . . . . February 9. . . 7:00 P.M. . . . Calf & Yearling
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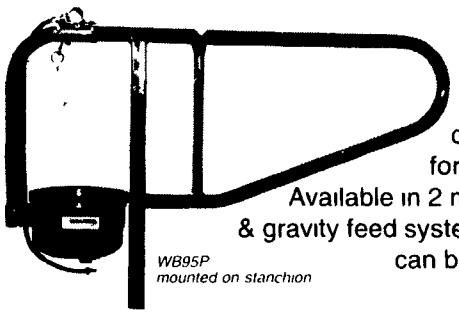
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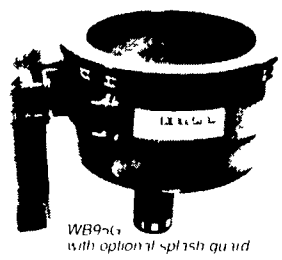
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## Central Carlot Beef Report

**Des Moines, IA**
**Tue Dec 29, 1998**

USDA Market News

USDA NATIONAL CARLOT BEEF REPORT (includes major production areas in the Midwest and TX) as of 3:00 PM

COW & BULL CARCASS FOB OMAHA 3.0 Loads Reported. Compared to Monday's 3:00 P.M. report: Utility carcasses generally steady to weak; Cutters not established. Demand moderate for light to moderate offerings.

UT,brk 2-4 450#/up 1.0 52.00 52.00 UT,bng 1-3 400#/up 2.0 57.00 57.00 Cutter 1-2 350#/up 58.00 B Bulls YG 1 500#/up unq

COW & BULL CARCASS CAF WEST COAST Loads Reported. Compared to last week:

Market for Week Ended: December 24, 1998 Lds Price Range UT,brk 2-4 450#/up UT,bng 1-3 400#/up unq Cutter 1-2 350#/up unq Bulls YG 1 500#/up

BONELESS PROCESSING BEEF/ BEEF TRIMMINGS 63.0 Loads Reported. Lean boneless processing beef generally steady in Omaha, Texas 2.00-3.00 higher; 85% 4.00 higher; 75% steady; 65% steady to firm. Demand and offerings light to moderate. Beef trimmings lower on light to moderate demand and moderate to heavy offerings.

FOB OMAHA BASIS: Chm Ln Lds Price Range Wtavg 90% fr 9 91.0 - 93.0 91.94 90% fz 85% fr 5 84.0 84.00 85% fz unq 75% fr 3 61.0 - 62.0 61.67 75% fz unq 65% fr 5 47.5 - 48.5 48.00 65% fz unq 50% fr 33 30.00 - 32.00 30.55 50% fz unq 50% bx unq Bull 92-94 unq

FOB EAST TEXAS AND OKLAHOMA: Chm Ln Lds Price Range Wtavg 90% fr 6 92.0 - 94.0 93.17 90% fz unq 85% fr unq 85% fz 75% fr 75% fz 65% fr 65% fz

CAF NORTHEAST AREAS: Chm Ln Lds Price Range Wtavg 90% fr 2 96.0 96.00 90% fz unq 85% fr unq 85% fz 75% fr 75% fz 65% fr 65% fz

CAF WEST COAST BASIS Market for Week Ended: 12/24/98 Chm Ln Lds Price Range Wtavg 90% fr 85.00 - 93.00 89.77 90% fz unq 85% fr 83.00 - 84.00 83.44 85% fz unq 75% fr unq 75% fz unq 65% fr 48.00 48.00 65% fz unq 50% fr unq 50% fz unq

**ABCDE after quotes represents days since last actual market test. Quotes are dropped after 5 days of no test or before if they no longer reflect current market conditions.**

## Frederick Livestock Auction

**Frederick, Md.**
**December 28, 1998**
**Report Supplied by Auction**

SLAUGHTER COWS: 104 HEAD, 1.00 LOWER. UTILITY 33.00-37.50; HIGH DRESSING 37.75-38.75; CANNERS 29.00-32.50; SHELLY 29.00 DOWN.

BULLS: 10 HEAD, GOOD DEMAND. YG#1 1600-1800 LBS. 42.00-44.75; YG#2 39.00-42.00.

FED STEERS: NONE.

FED HEIFERS: 3 HOLSTEINS 35.00-40.25.

VEAL CALVES: 193 HEAD. CHOICE 240-350 LBS. 62.00-71.00; CULLS 85-110 LBS. 22.00-27.00, 60-85 LBS. 17.00-24.00.

FARM CALVES: STEADY. HOLSTEIN BULLS #1 95-120 LBS. 70.00-93.00, 85-95 LBS. 45.00-75.00; #2 30.00-45.00; HOLSTEIN HEIFERS GOOD DEMAND: #1 90-120 LBS. 160.00-215.00, 80-90 LBS. 75.00-135.00, 70-80 LBS. 40.00-75.00; BEEF X BULLS AND HEIFERS 40.00-85.00.

BUTCHER HOGS: 58 HEAD. #1&2 230-260 LBS. 18.00-27.00; 265-295 LBS. 17.00-23.00; 300-350 LBS. 24.00-27.00.

SOWS: 8 HEAD. 500-650 LBS. 10.00-12.50, 1 725 LBS. AT 9.00.

STOCK CATTLE: STEERS, NONE.

HEIFERS: HEREFORDS 37.00-48.50, HOLSTEIN 300-350 LBS. 63.00-71.00.

BULLS: HEREFORDS 500-700 LBS. 45.00-53.00, 700-850 LBS. 41.00-43.00.

SHEEP: FEW OFFERED.

GOATS: LARGE BILLIES 70.00-85.00.

## Friend's Stockyard Inc.

**Accident, Md. 21520**
**Report Supplied by Auction**
**December 28, 1998**

STOCK BULLS AND STEERS (200-500 LBS.) 52.00-70.00.

STOCK HEIFERS: 36.00-58.00.

SLAUGHTER STEERS: GOOD TO CHOICE 55.00-62.00; MEDIUM TO GOOD 47.00-54.50, HEAVY CHOICE OVER 1450 LB. 50.00-55.00.

HOLSTEIN STEERS: HEAVY CHOICE 36.00-49.50, LIGHT 35.00-41.50.

SLAUGHTER HEIFERS: GOOD TO CHOICE 55.00-60.85; MEDIUM TO GOOD 45.00-54.50.

BULLS: HEAVY 33.50-45.00, LIGHT 35.00-43.50.

COWS: UTILITY (HOLSTEIN) 33.00-41.00, COMMERCIAL TO GOOD 28.00-32.50, CULL COWS 28.00 AND DOWN.

VEALS: GOOD TO CHOICE 50.00-68.00, MEDIUM TO GOOD 20.00-47.00.

BOB CALVES: 28.00 AND DOWN.

HOLSTEIN BULL CALVES — RETURN TO FARM (90 TO 120 LB.)-UP TO 92.00.

HOLSTEIN HEIFER CALVES — RETURN TO FARM (90 TO 120 LB.) - UP TO 185.00.

BEEF CROSS CALVES — RETURN TO FARM UP TO 60.00.

HOGS: TOP QUALITY UP TO 23.00; HEAVY UP TO 22.50; LIGHT UP TO 20.00.

SOWS: 14.00-20.00.

MALE HOGS: 5.00-12.00.

LAMBS, LIGHT 55.00-62.00, FEEDER 40.00-65.00.

SHEEP: 20.00-32.00.

LIVESTOCK PRICES ARE ALL GIVEN PER HUNDRED WEIGHT!

## Carlisle Livestock

**Carlisle, Pa.**
**December 29, 1998**
**Report Supplied By Auction**

SLAUGHTER CATTLE:

STEERS: CHOICE 1050-1400 LBS. 58.75-61.50, 1450-1780 LBS. 56.00-60.00.

HEIFERS: SELECT AND LOW CHOICE 50.75056.25.

COWS: STRRONG DEMAND, BONING UTILITY 34.50-36.75; CANNER AND LOW CUTTER 28.75-34.00; SHELLY TO 28.00.

BULLS: YIELD GRADE #1 42.00-47.00, YIELD GRADE #2 33.25-39.50.

CALVES: RETURNING TO FARM, STRONG DEMAND, HOLSTEIN BULLS #1 90-130 LBS. 83.00-99.00, #2 90-140 LBS. 60.00-80.00, HOLSTEIN HEIFERS #1 75-90 LBS. 110.00-180.00.

HOGS: US#1-3 220-280 LBS. 13.00-24.00, 290-450 LBS., 14.00-27.00.

BOARS: 2.50--3.50.

SOWS: US#1-3 300-700 LBS. 12.00-16.00, THIN/WEAK/ROUGH 8.50-11.50.

FEEDER PIGS: ACTIVE, 15-17 LBS. 4.00-6.00, 18-25 LBS. 10.00-13.00, 30-32 LBS. 15.00-34.00 BY THE HEAD.

GOATS: LARGE NANNIES AND BILLIES 72.50-115.50; FLESHY KIDS 42.50-59.00; SMALL/THIN KIDS 5.00-6.00.

LAMBS: FEW 85-100 LBS. 85.00; SHEEP (ALL WEIGHTS) 39.00-55.00.

SPECIAL FED. CATTLE SALES TUESDAY, JAN. 5 AND 22.

NEXT STATE GRADED PIG SALE FRIDAY, JAN. 8 AND 22, 1 P.M.

## Frederick Livestock Auction

**Frederick, Md.**
**December 28, 1998**
**Report Supplied by Auction**

SLAUGHTER COWS: 104 HEAD, 1.00 LOWER. UTILITY 33.00-37.50; HIGH DRESSING 37.75-38.75; CANNERS 29.00-32.50; SHELLY 29.00 DOWN.

BULLS: 10 HEAD, GOOD DEMAND. YG#1 1600-1800 LBS. 42.00-44.75; YG#2 39.00-42.00.

FED STEERS: NONE.

FED HEIFERS: 3 HOLSTEINS 35.00-40.25.

VEAL CALVES: 193 HEAD. CHOICE 240-350 LBS. 62.00-71.00; CULLS 85-110 LBS. 22.00-27.00, 60-85 LBS. 17.00-24.00.

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BUTCHER HOGS: 58 HEAD. #1&2 230-260 LBS. 18.00-27.00; 265-295 LBS. 17.00-23.00; 300-350 LBS. 24.00-27.00.

SOWS: 8 HEAD. 500-650 LBS. 10.00-12.50, 1 725 LBS. AT 9.00.

STOCK CATTLE: STEERS, NONE.

HEIFERS: HEREFORDS 37.00-48.50, HOLSTEIN 300-350 LBS. 63.00-71.00.

BULLS: HEREFORDS 500-700 LBS. 45.00-53.00, 700-850 LBS. 41.00-43.00.

SHEEP: FEW OFFERED.

GOATS: LARGE BILLIES 70.00-85.00.

## Belleville Poultry

**Belleville, Pa.**
**Wednesday, December 30, 1998**
**Report supplied by Auction**

Geese: 2.00.
Turkeys: young 10.00-12.00.
Guineas: 3.25 ea.
Roosters: 4.00-7.00 ea.
Bantams: 1.00-4.00 ea.
Heavy hens: 1.00-4.00 ea.
Silkies: none.
Muscovy hens: 6.00-8.00 ea.
Muscovy drakes: 14.00-18.00.
Mixed ducks: 5.00 ea.
Barn pigeons: 1.50 ea.
White birds: 2.00 ea.
Fancy birds: none.
Peacocks: none.
Pheasants: none.
Doves: none.
Quail: none.
Guinea Pigs: 1.00.
Rabbits: under 4 lbs. .75-5.50 ea., 4-6 lbs. 6.50-8.00 ea., over 6 lbs. 8.00-12.00 ea.

For more information phone 717-242-2898.

## New Holland Horses

**New Holland Sales Stables**
**New Holland, PA**
**Monday, Dec. 28, 1998**
**Report Supplied By Auction**

142 HEAD. MARKET STEADY.

WORK HORSES: 885.00-1130.00.

DRIVING HORSES 510.00-1000.00.

RIDING HORSES 485.00-885.00, TWO AT 1000.00 AND 1100.00.

REGISTERED RIDING: 810.00-1600.00, ONE AT 2500.00.

PONIES 150.00-350.00

LARGE PONIES 425.00-510.00.

COLTS 140.00-350.00.

KILLERS, HEAVYWEIGHTS 235.00-510.00, LIGHTWEIGHTS 585.00-775.00.

## New Holland Dairy

**New Holland Sales Stables**
**Wednesday, December 30, 1998**
**Report Supplied By Auction**

88 DAIRY COWS, 106 HEIFERS, 12 BULLS. MARKET STEADY.

LOCAL FRESH COWS 625.00-1400.00.

FRESH HEIFERS 675.00-1300.00; FEW 1475.00-1650.00.

LOCAL SPRINGERS 485.00-1400.00.

UPSTATE LOADS FRESH 960.00-1475.00, ONE AT 1900.00.

BETTER FRESH COWS 1475.00-1900.00.

SPRINGING HEIFERS LARGE 1135.00-1375.00, SMALL 675.00-1085.00.

SHORT BRED HEIFERS 875.00-1010.00.

OPEN BREEDING AGE HEIFERS 610.00-785.00.

SMALL OPEN HEIFERS 210.00-550.00.

BULLS 275.00-700.00, PUREBREDS 510.00-875.00.


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Fiberglass pool delivery: What you SEE is what you GET!

- Kit Pools (Do-It-Yourself)
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* Great calcium & sulfur source without increasing soil pH.
* Increases soil porosity and soil microbial life.
* Decreases soil compaction.
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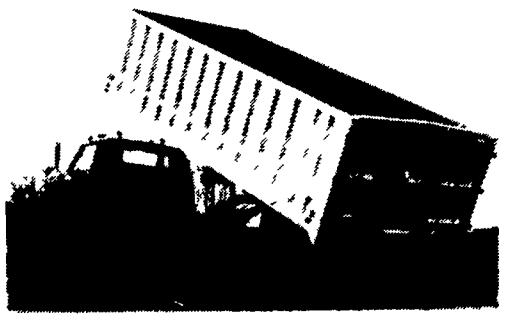


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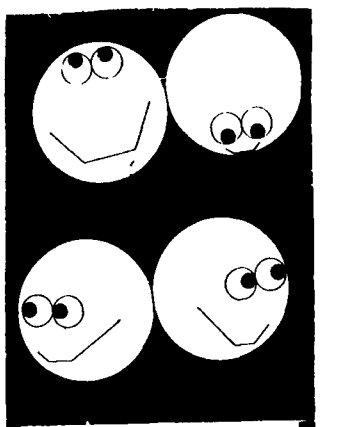

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# Marsh's Well-Brushed, Friendly Hogs Ready For Farm Show

ANDY ANDREWS
Lancaster Farming Staff

HONEY BROOK (Chester Co.) — If you want to know why Tom Marsh Jr. is so intent on doing well at this year's junior swine competition at the Farm Show, ask him about the brush.

When Tom used to help his brother, Eric Olsen, show at the Chester County 4-H Swine Roundup and follow him to the state Farm Show, Tom's chores were simple: wash down the hogs. And brush them till they glowed.

Tom so fell in love with hogs as a result of endless grooming — and seeing how much money was gained through selling them — that he decided the hog business could be for him.

This year, Tom will take a hog to the annual competition, Tuesday, Jan. 12. at 8:30 a.m. in the small arena of the Farm Show Complex in Harrisburg. The champion sale is scheduled Thursday, Jan. 14. at 9 a.m. and the hog sale continues at 1 p.m. the same day in the small arena.

Eric, who is 20 years old, has left his 4-H showing days behind. But according to the Marsh family, he has left behind a legacy on how to prepare and show swine for Tom.

Tom, 14, is the son of Tom Sr. and Nancy Marsh, Honey Brook.

Tom Jr.'s sister, Brittany, 7, isn't far from staring her own 4-H career — and also plans to show swine and, eventually, sheep.

For now, Tom has been busy preparing the swine for show.

"I get a lot of fun from raising hogs and learning to raise them better," said Tom of his experiences in the Chester County 4-H Swine Club. According to his father, there are 34 members of the club in the county, "the biggest 4-H pig club we've ever had," he said.

Tom Jr.'s mother Nancy Marsh is in her third year as president of the Chester County 4-H Advisory Committee and has served on the board about six years.

Tom Jr. said that every year he sells his hogs at roundup and places the money in mutual funds. While he is intent on saving for future plans, he remains uncertain about what to do — though a future in the hog business is high on his wish list.

Tom and his father rely on the expertise of M & M Zook Farm, Gap, to provide show stock. M & M Zook allows the hog finishers to take a look at two dozen of their feeder pigs before choosing four or five that could be potential champions.

Tom Sr. said that he wants to allow "four different sets of eyes" to inspect the hogs before they are chosen for the show season. "We have to be unanimous in what we like," he said.

Though this is the seventh year for Farm Show participation, Tom Jr. has always enjoyed the fun of "brushing the pigs, having fun brushing them down in the pen, getting them ready," he said.

This year at the roundup at the Romano 4-H Center near Honey Brook, Brittany, Tom Jr.'s sister, sold Tom's biggest pig this year — 254 pounds. He's been attending roundup regularly since joining 4-H.

Brittany won't become eligible to be in roundup and Farm Show until 2001, but she'll be eligible at the county roundup in the summer of 2000.

Brittany said she doesn't like the size of the pigs, which can grow to 270 pounds before they're sold. They're big, she said, and fast, and "knock me over."

One day a photographer came to their house to take pictures of pigs for a pig calendar. Fortunately Tom Jr., who was about six years old at the time, was small enough that he could stay on top of a 700-pound boar long enough for the photographer to get some pictures. The calendar, pig rider and all, appeared in 1992.

Tom's mother Nancy, also a club leader, is from Havertown, a suburb of Philadelphia. Though she wasn't raised showing pigs, she devotes a lot of time to her family's involvement in 4-H. Tom Sr. serves on the 4-H board of directors.

Tom Jr. is fascinated by hog's behavior and how it feeds.

Since they put in a self feeder, they noticed how the hogs take to it. They also notice how a hog will dig up roots and leave the ground bare in their pens.

"But all the hogs are friendly," he said.

Tom spends a lot of time working around the hog — and brushing them lets them know they are being cared for.

As a result, the hogs are attentive and friendly. "They're content and easier to handle," said Nancy.

She said that Tom Jr. will scratch the hogs behind the ears when they're eating. "The hogs get used to you, and you can get them to go where you want to go," she said.

Tom Jr. won reserve champion light heavyweight at the roundup last year.

Tom Jr. is also involved in other 4-H projects other than hogs. His favorite nonfarm activity is working with the 4-H wildlife club. Using photographs from magazines such as The Trapper, Field and Stream, and Game News, Tom clipped together a presentation of foxes in four different seasons.

At last year's banquet, Tom won the Keystone Farm Credit Award winner for oustanding junior achievement in 4-H. At this past summer's county roundup at the Romano Center, Tom won grand champion wildlife project, grand champion embryology project, grand champion sewing project for his quilted pillow, and grand champion food and nutrition project for his homemade bread. He was the only boy in the club in which he sewed together and quilted a pillow, according to Nancy, who operates her own business at the house, Marsh Antiques and Quilts.

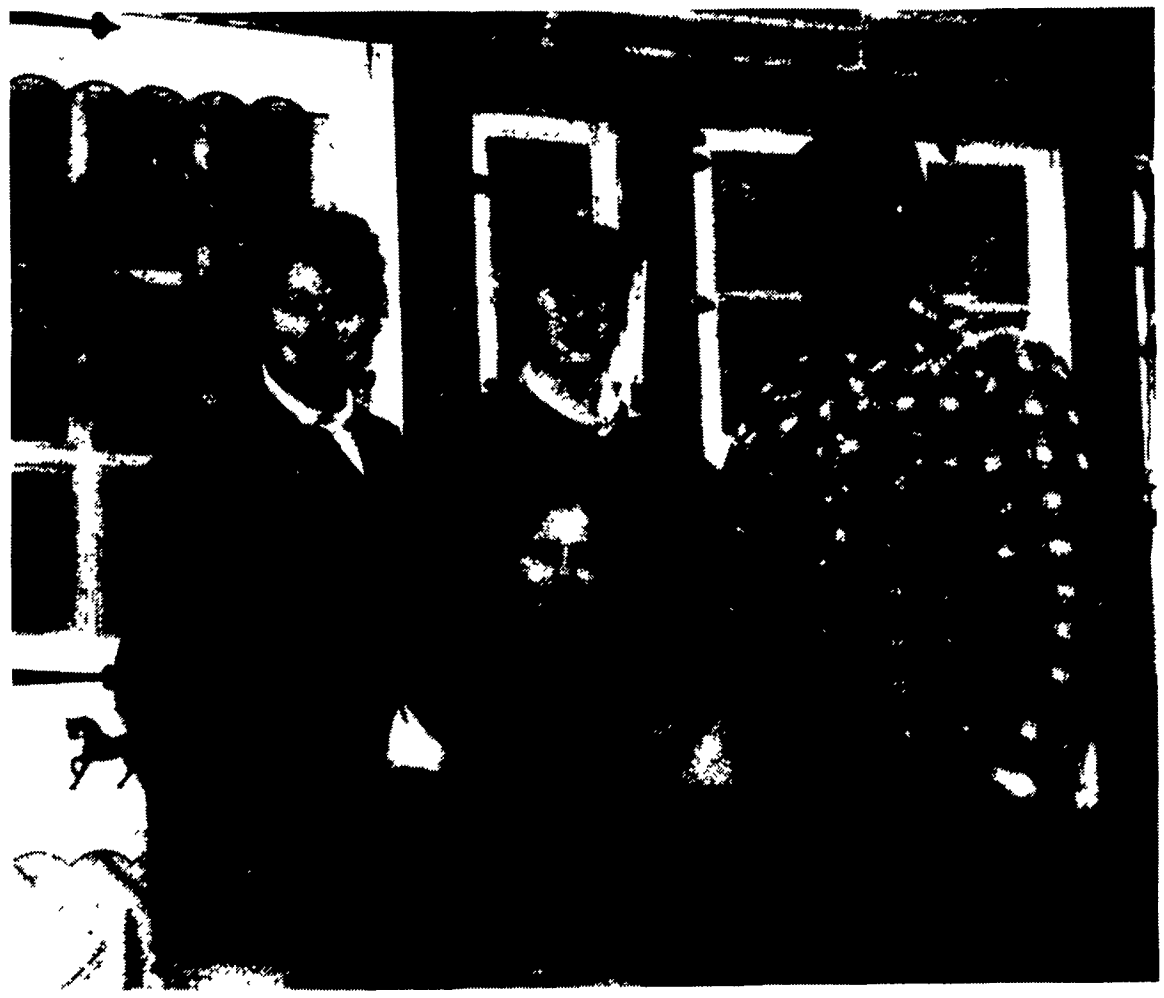
Using his expertise as a retired deputy wildlife conservation officer for the Pennsylvania Game Commission who now operates his own wildlife management business, Tom Sr. was able to work with a local farm to obtain quail eggs to hatch in the embryology club.

What is Tom Jr.'s secret to finishing a good hog?

"4-H tells you best ways to feed them," he said. "We mix our own feed."

They use shelled corn, soybean meal, and minerals with good results. But Tom Sr. also noted how important genetics are to fashioning a champion.

"If you have some of the worst genetics and do the best job you can at feeding and caring for it, it won't do you much good," he said. "But if you have some of the best genetics and do an average job, it can still go down as a potential champion."



Tom Marsh, 14, center, plans on brushing up a hog to take to this year's Farm Show. He's the son of Tom Sr., right, and Nancy Marsh, Honey Brook. Tom Jr.'s sister, Brittany, 7, front, isn't far from staring her own 4-H career, planning to show swine and, eventually, sheep.

Tom Jr. entertains plans to go into the hog business someday but worries about the work and investment of money to ensure blood-tested, pseudorabies-free hogs. Tom Sr. noted that 4-H helps members to look at the economics and to be able to viably market hogs.

4-H also teaches members the basic business essentials and the tenets to running a company.

Tom Jr. is in the 8th grade at North Brandywine Middle School, Coatesville. Brittany is in the first grade at Kings Highway Elementary School.

Tom enjoys social studies/history, science, and algebra.

Brittany plans to someday show sheep, but enjoys canning and cooking and other 4-H projects.

"I get a lot of fun from raising hogs and learning to raise them better," said Tom Marsh Jr. of his experiences in the Chester County 4-H Swine Club.

# Apply Now For Jersey Scholarships, Awards

LIBERTY (Bradford Co.) — It's that time of year when Jersey youth from across Pennsylvania can stand up and be recognized for their hard work.

Awards and Scholarships will be presented to outstanding Jersey youth between the ages of nine and 19 who owned a Jersey calf, heifer or cow during 1998, at the PJCA annual meeting this spring. The deadline to enter these contests is January 20, 1999.

First year Jersey owners can compete for the First Year Project Award. To be eligible, a member must be between the ages of eight and 12 and be a member of an organized 4-H club. To enter the contest, submit the official project record book along with a handwritten story entitled "My First Jersey Project Year."

The PJCA will select outstanding Jersey achievers in both the junior division, ages nine to 13, and the senior category, ages 14-19. All applicants must be the owners of one or more registered Jerseys. Entry forms for this contest are available from the youth coordinator. Five finalists from each division will be recognized at the annual meeting. Previous winners in the junior division are not allowed to re-enter the contest, while previous winners in the senior division are eligible to re-enter, but only to be considered for the state's entry to the national achievement contest.

Jersey youth of all ages are invited to compete in the scrapbook contest. Scrapbooks submitted are to include the contestant's Jersey project(s) for 1998. Scrapbooks will be evaluated on the quality and quantity of the contents. Artistic skill and creativity will also be considered. Yet another contest for young Jersey owners to enter is the Youth Production Contest. Jersey juniors can nominate their registered animals that are on official DHI or DHIA test by submitting official cow records issued between 1/1/98 and 12/31/98. This form is required to give officials a 305-day 2X mature equivalent value for the records submitted. The records will be ranked according to mature equivalent pounds of proteins. Contestants are only allowed to submit one record per year. Top records will be forwarded to the National Jersey Youth Production Contest. Finally, Jersey Youth who are attending college or who are high school seniors planning to enroll in college within one year of high school graduation can compete for one of two $200 scholarships. Applicants must have been actively involved with Jersey cattle for at least two years. Previous scholarship winners are eligible to reapply for these awards.

To be eligible for these awards, the applicant or the applicant's family must be members of the Pennsylvania Jersey Cattle Association.

Applications should be sent to Patty Rassau, Youth Director, 473 Monroe Road, Sarver, PA 16055 or to David Norman, PJCC secretary, RR 1, Box 30, Liberty, PA 16930.

For more information, call Rassau at 724-353-9681.

**Pennsylvania Holstein Association**

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# Pa. Junior Holstein Association Convention Reminder

STATE COLLEGE (Centre Co.) — The Pennsylvania Junior Holstein Association has announced that its annual convention is to be held Feb. 5-7 at the Ramada Hotel in Wilkes-Barre, with the Northeast District serving as host.

The theme of the convention is, "Holsteins Shine in '99," and meetings, tours, games, contests, workshops, and an awards program and speakers are all part of the entire convention package.

The deadline for ordering convention tickets and T-shirts is Jan. 15.

The deadline for reserving rooms at the Ramada Plaza Hotel in Wilkes-Barre is Jan. 5.

To make convention activities ticket reservations, and T-shirt orders, complete an order form and submit with payment to Michelle Cornman, P.O. Box 774, Tunkhannock PA 18657. Call her at (717) 836-7261.

Checks should be made payable to: 1999 PA Junior Holstein Convention.

To make hotel reservations, call the Ramada at (717) 824-7100 and indicate that the reservations are being made in conjunction with the convention. Lodging rates are $70 plus tax for a single, double, triple or quad room.

As always, there are six strict rules of conduct that must be followed by junior members, or else the violator will be sent home at the cost of the parent(s), and the violator will not be eligible for any state awards for one year.

A statement of the convention rules must be signed by the Junior member and a parent, and should accompany the convention reservation form.

Parents with questions may contact Kenneth Raney, executive director of the Pennsylvania Holstein Association at (814) 234-0364.

The event begins Friday, Feb. 5 with starts with registration from 3 p.m. to 9 p.m. in the hotel lobby.

From 5 p.m. to 8 p.m., commercial exhibits and a dairy bar are to be open in the Tiffany Room of the hotel.

From 6:30 p.m. to 7:15 p.m. the Dairy Bowl Seeding Test is to be given in the Ballroom of the hotel.

The annual meeting is scheduled from 7:30 p.m. to 9 p.m. in Ballroom.

From 9: 15 p.m. until midnight is to be fun night in the Ballroom of the hotel with games, food and fun.

Saturday, Feb. 6 starts at 6:30 with breakfast on your own.

Commercial exhibits and the dairy bar are to be open from 7 a.m. until 5 p.m. in the Tiffany Room, while registration continues from 8 a.m. to 7 p.m. in the lobby.

The junior-age division of the dairy bowl contest is to run from 8 a.m. to 3 p.m., while the senior division is to start at 11:30 a.m.

Workshops for others are to be held from 8:30 a.m. to 3 p.m. in the Jefferson Room, while a senior-age division speech contest is to be held concurrently in Room 218. The junior-age division speech contest is to start at 11:30 a.m.

Also available for convention-goers is a tour of the Coal Mine Museum. The tour is to depart the lobby at 12:30 p.m and return 3:30 p.m.

Dairy bowl finals are set to be held Saturday from 4 p.m. to 5 p.m.

A buffet dinner starts at 7 p.m. in the Ballroom with speech contest winners presenting their entries, followed by a Holstein Feud Game.

A dance in the Ballroom is scheduled from 9:30 p.m. until 12:30 p.m.

The agenda for Sunday, Feb. 7 is brief, but full. At 8:30 a.m., a breakfast awards program is set to be held in the Ballroom, followed by a guest speaker.

The Adam's family of Bradford County are in charge of the Friday night entertainment with a hypnotist tentatively planned, followed by a dance and a variety of different foods served.

Amy Packard of Bradford County is in charge of the tours and workshops on Saturday. Workshops on marketing and farm safety have been planned. Later, after a tour of an old coal mine, David Lentz from Holstein USA is to give a demonstration on using Red Book Plus.

Heather Wood of Tioga County is in charge of Saturday's entertainment. Colt Cooney and Rachel Bachman from Potter County are in charge of the Sunday breakfast, while the Junior Executive Committee is in charge of the awards program.

The program speaker is "Big O" from Michigan, billed as a comic, inspirational speaker, who also plays the trumpet.

# Holstein Northeast District Meeting

The Northeast District of the Pennsylvania Holstein Association will hold a meeting on January 19, 1999 to nominate members to serve on the Executive Committee. The meeting will be held at 11:00 a.m. at the Edgewood Restaurant, Route 6, Troy, PA.

Clyde Bishop has served for three years. Nominations can be made by any Pennsylvania Holstein Association member from Bradford, Columbia, Lackawanna, Luzerne, Potter, Sullivan, Susquehanna, Tioga, Wayne and Wyoming counties. Up to three nominees can be submitted from this meeting to the State Directors for election to the Executive Committee.

The group will also discuss any other issues, members may wish to address.

All Holstein members from Northeast Pennsylvania are invited to this nomination meeting set for January 19, 1999.

# Holstein Central District Meeting

The Central District of the Pennsylvania Holstein Association will hold a meeting on January 21, 1999 to nominate members to serve on the Executive Committee. The meeting will be held at 11:00 a.m. at the Pennsylvania Holstein Office, Route 150, State College, PA.

John Burket has served for three years. Nominations can be made by any Pennsylvania Holstein Association member from Bedford, Blair, Centre, Clinton, Huntingdon, Juniata, Lycoming, Mifflin, Montour, Northumberland, Snyder and Union counties, Up to three nominees can be submitted form this meeting to the State Directors for election to the Executive Committee.

The group will also discuss any other issues, members may wish to address.

Al Holstein members from Central Pennsylvania are invited to this nomination meeting set for January 21, 1999.

# *Public Hearing*

HARRISBURG (Dauphin Co.) — The center for Rural Pennsylvania, an agency of the Pennsylvania General Assembly, will hold a public hearing to examine commodity prices for Pennsylvania agriculture on Friday, January 8, from 1 p.m. to 4 p.m. here at the Pennsylvania Farm Show Complex, Room B.

Representatives from more than 15 statewide public and private organizations and individuals have been invited to provide more information on how commodity prices are affecting the state's farmers and agriculture sales.

"Declining commodity prices have been putting great strains on the commonwealth's farmers," said Rep. Sheila Miller (R-129th), chairman of Center for Rural Pennsylvania. "In the past month, I have talked to many farmers who have been severely impacted by prices that are reaching a critical low point. Many farmers are struggling to keep their farms operating.

"Through this hearing and from the testimony provided, the Center for Rural Pennsylvania's board of directors may better analyze the current situation and possibly determine what policies and programs should be reviewed to deal with this issue," Miller said.

The Center for Rural Pennsylvania is a bipartisan, bicameral legislative agency that serves as a resource for rural policy within the Pennsylvania General Assembly. It was created in 1987 under Act 16, the Rural Revitalization Act, to promote and sustain the vitality of Pennsylvania's rural and small communities. The hearing will assist the Center in fulfilling its mandate to develop and maintain an appropriate base of knowledge and information about rural conditions and needs.

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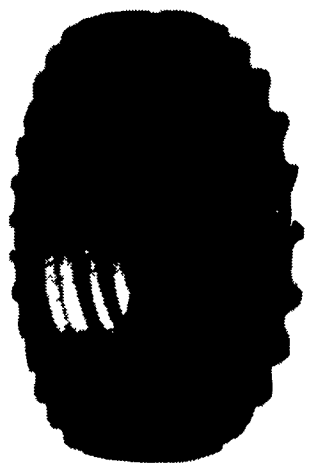

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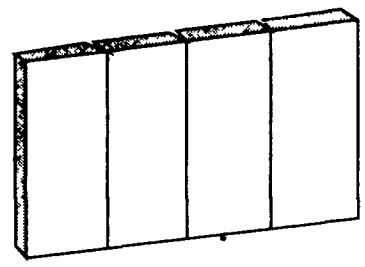

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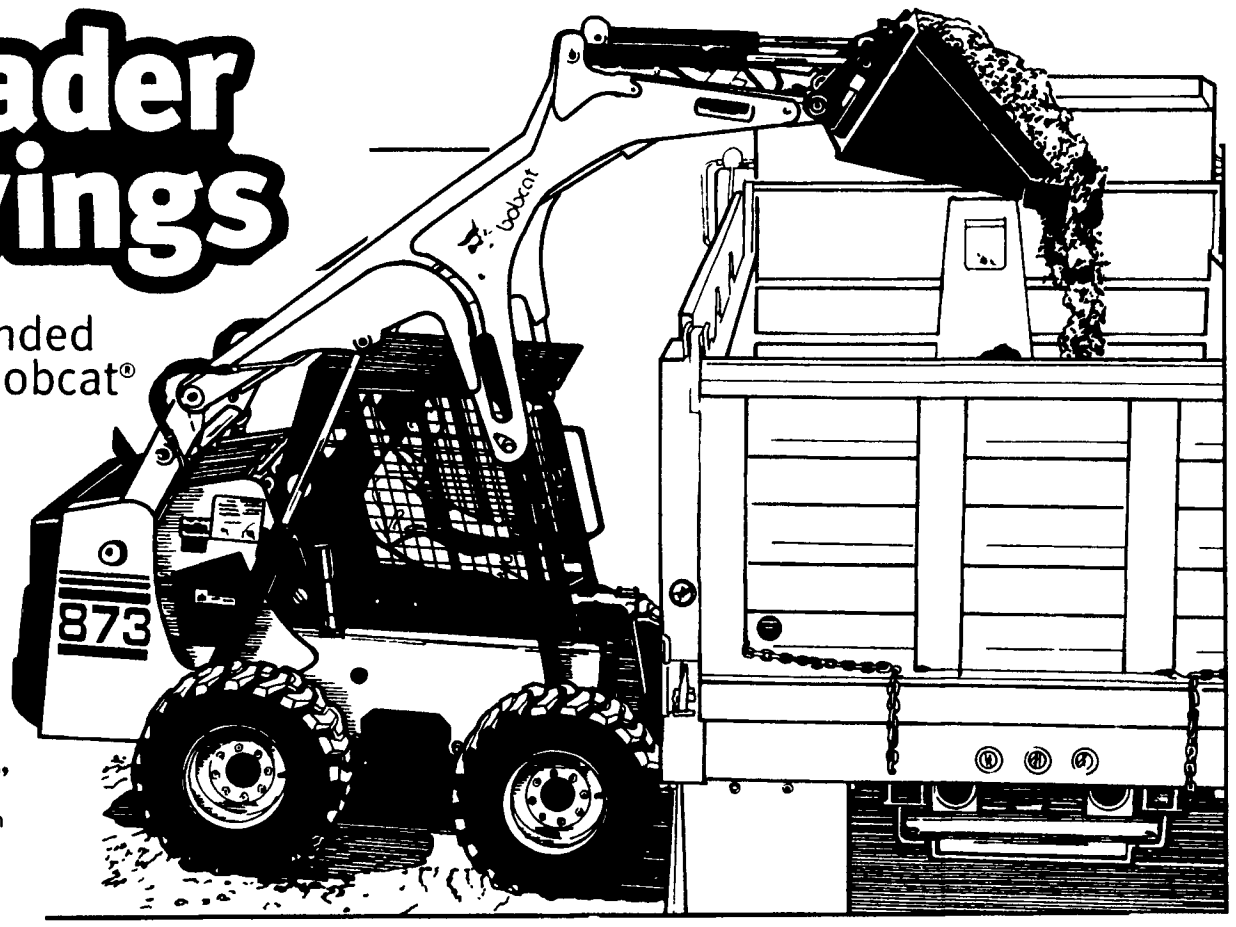


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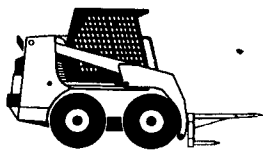
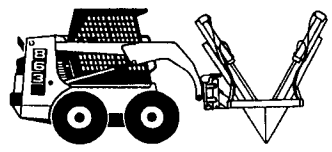
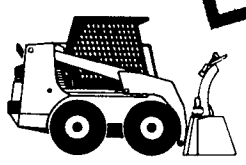
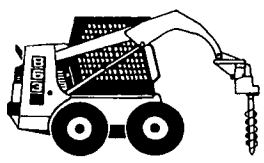

Bale Handler


Tree Transplanter


Snowblower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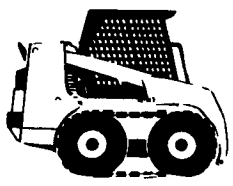
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# Penn State's Ag College Dean Reviews First 18 Months

(Continued from Page A1)

people and organizations from all segments of the dairy industry from producers to distributors to retailers have come together. All are singing from the same hymnal and now we are getting on the same page. And our voices are getting louder and louder."

At Penn State, Steele sees new programs that cover what is going on today in marketing, production and distribution. He believes there is a new face on Penn State's research and extension, especially in the dairy arena. This is occurring in Dairy and Animal Science, in Veternarinary Science, and in Rural Economics and Sociology .

"The message I want to bring is that students now see a future in agriculture. The number one major in the College is in animal science. You can spend time reading the papers and you would be surpassed at this. Just two years ago, our number one major was environmental resource management. Animal science and agronomy and the plant sciences enrollments were down. But there is an about face. Not that environmental programs are not important, but we have figured out how to integrate them into the animal science curriculum.

"We are doing a good job of turning out students ready for the work force. We can do better. We do a good job in the technical side of the food sciences but we need to more on the business side. We have responded by putting minors in the curriculum"

Steele agreed that in recent years the funding for agriculture research has been decreasing in part due to what has been coming through from USDA. But he said in the past year, the budget has increased, and grants from private industry now make up a large part of the competitive grants that come to Penn State. Of course the moneys coming from USDA has increased too. Other sources for research funding come from the National Science Foundation and the National Institute of Health. Many companies no longer have the research and development structures needed to do their own projects so they look to Penn State scientists to do the work.

Robert Steele

"The future of agriculture is all about food and fiber," Steele said. "I'm convinced there will always be people on this planet and they will need to eat. So, there will always be an agriculture segment, but it will be different. This has always been so. When we left the last century, we came to 1889 wondering what would be coming in the future. We had subsistence agriculture back then. But with the invention of refrigeration and the development of a transportation system change was inevitable. When you can move product off the farm and get it to someone who wants it or needs it, agriculture takes on a totally different face.

"Now we are entering the computer and information technology age, and we have just scratched the surface. When you have bright clever people, wonderful things will happen.

"Part of the mission of extension has been redefined. When extension was officially formed in 1914 it was called upon to help a relatively uneducated group of people to improve their lives in production agriculture. The county agent for the most part was more educated than the farmer. This has changed a lot. The farmer is now as educated as the extension agent and we have the challenge to keep the county agent informed of the latest information available. And the needs have changed. Often the need is not for animal nutrition or genetics but in business and labor management. If you are to have larger operations then you will need more outside labor.

"Not only the type of information to be transferred through extension has changed, the methods of transfer have also changed. Along with multi-county agents who are experts in their fields, we have the world wide web and computer science looking to extension to stay on the cutting edge. The rapidly revolving technology has caused us to restructure extension.

"If I could tell all your readers something, I would recommend they step back and look at a broader view. When you do this, things look a lot better than when you are focused on day to day problems which we all have. Being out of Pennsylvania for 35 years and now back for a short while, I see a lot of room for optimism. The optimism we see right now in the dairy industry I hope we can transmit to other segments of agriculture.

"And I would hope that in five years if we ask students graduating this year, they will say we have prepared them for the "real" world of agriculture. We are quite proud of the students and our student internship program that adds to their reassume. We realize the internships help students get jobs and we hear from employers that we need to do more of it.

"I'll come back to the partnership issue," Steele said "With Penn State's agriculture production programs, partnering with food science, forestry resources, and the wildlife segments, we triple the size of our voice in the world. An then add agribusiness and community interests and we have the partnership that Penn State wants to have with and for agriculture."


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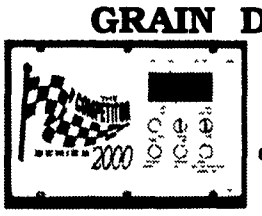

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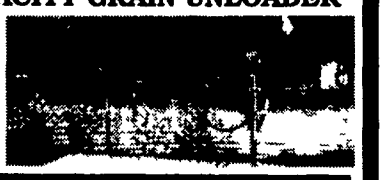

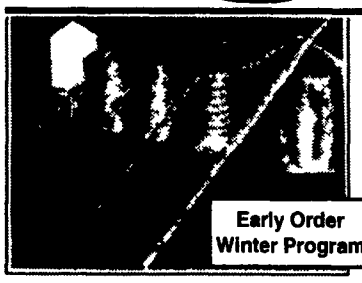

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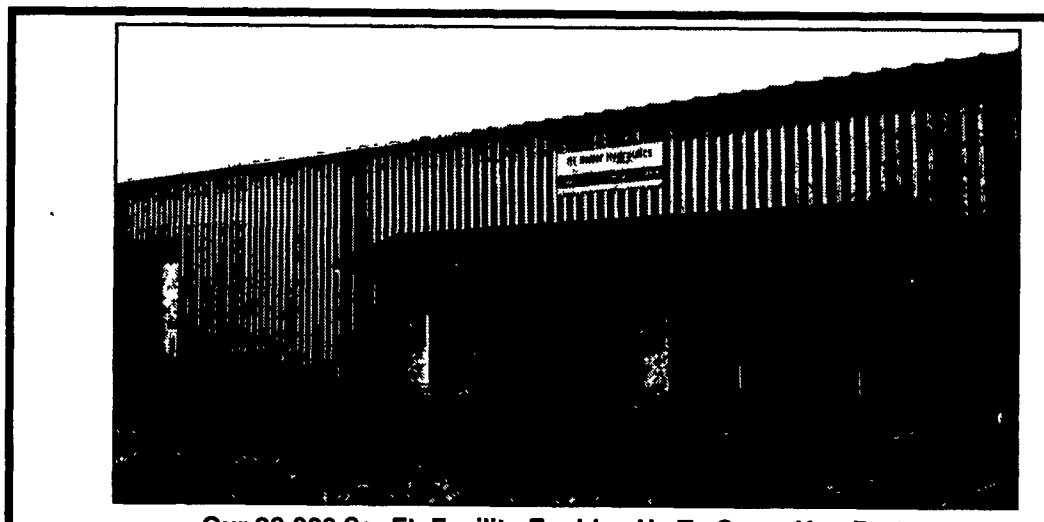

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# Historic Extremes Define 1998

(Continued from Page A1)

pening within a constantly metamorphasing social and business context, that seems to have nothing really to do with the changing numbers of the calendar (except for computers, of course), despite the drama and hype that goes with going from the 1900s to the 2000s.

For example, two years ago the general public talked less than ignorantly about cloning.

This year "cloning" is a common topic of conversation for the general public.

The practice of cloning — reproducing offspring genetically identical to one parent — has seen great development. It's difficult to find someone who hasn't heard of it.

Of course, each has his own perspective upon the events of the past year, and his own experiences concerning the impacts of change.

However, it must be considered that what has happened did not happen only to an isolated group. It has happened to all.

Also, it seems that this year is part of a true change in the human experience. It seems it could be more than people revisiting history.

It is one marked by vast advancements in technologies of communication, information storage and transfer, medicines, and genetic understanding.

And, perhaps more importantly, widespread access to it.

It's difficult to determine, but if all the technological advancements didn't serve as a catalyst, the advancements were helped by the declared end of the Cold War with the Soviet Union and its Communist Party rule, as well as the apparent successes in South Africa, and the increased global sharing of desire and definition of a "good life."

Instead, perhaps this should be considered an historic era — the era of questions.

The lack of a common political enemy (other than terrorism) for free-trade partners has created a new dilema — what's the next step?

Are free-trade pioneers to become global powers? If so, then arch enemies or complicit partners?

Are unions a quickly disappearing animal headed for extinction in the world of business, or are they about to explode in support and become globalized in the coming years?

Are the current low fuel prices in the United States dependable or merely a gracious, but temporary truss against economic collapse?

Are the record number of United States' bankruptcies among young people a sign of things to come, a lost sense of responsibility for avoiding overwhelming debt, or merely a reflection of a public education and social system that offers as little punishment as it does reward?

Is the longest running period of economic growth in the United States a reason to crow, or keep low?

Coupled with historically low interest rates, a widespread lack of personal savings, and other portends of long-term economic weakness, some speculate that the domestic economic pendulum is poised to swing the other way, equally hard and long.

Others look to the boon in middle-income investments in Wall Street (through 401K plans, etc.) as a solid enough reason to envision an extended period of stable, but slow growth, as the rest of the world's economies develop and stabilize.

The past year has seen further trade developments under the General Agreement on Tariffs and Trade, and the North American Free Trade Agreement.

For those dealing internationally, it is too soon to say that globalization of businesses is a foregone conclusion, especially for those businesses producing and supplying agricultural commodities, energy or other types of commodities linked to a nation's political autonomy.

The economic collapses within the Asian nations and the longer-term trends of power changes within those communities and cultures provides much uncertainty for free trade and the United State economy.

South Africa is a growing power in market development, as are countries of South America, and they both seem to offer developing markets of strength.

In the meantime, not only are people being asked to learn and operate under a new set of laws of trade, they are being asked to consider the viability of existing philosophical and cultural laws, especially as they relate to business and self-protection.

More simply, people are being asked to decide the usefulness of their own local expectations of behavior as they are tested through laws affecting global trading.

It raises more questions.

Does every contract need to be in writing?

Is it okay to attempt to sell low or domestically illegal quality product to the world, retaining higher quality for local sales?

Is it okay in principle to relocate a highly regulated United States' business to another nation, with comparatively little regard for labor and environment, in order to make a quicker and bigger buck selling back to United States consumers?

Is it okay in principle for American agricultural cooperatives to relocate operations to foreign properties, or grow beyond competitiveness?

If it is okay for a publicly traded company to do the same, why not a wholly owned cooperative?

If nothing else is certain, this seems to be: predictions are not to be trusted.

There were some hallmark events in 1998 that seem to indicate possibilities for the next years, even if those hallmarks for the United States have been extremes and suprises.

Politically, 1998 brought an impeached president, and new questions about the effectiveness of elected representation in governement when fewer than 50 percent of eligible voters exercised their rights, and even fewer have the ability to finance the publicity campaigns needed to effectively market candidates.

Partisan politics returned from thinly veiled hiding during the year, though it seemed to have mostly served Republicans poorly, providing a public perception of unstable leadership in the U.S. House of Representatives that some have described as spineless elitism.

The Democratic Party didn't advance its reputation, neither.

Of those who actually voted in November, Pennsylvanians re-elected Gov. Tom Ridge handidly.

Casual and pundit talk of Ridge's consideration as a national candidate in 2000 for vice president or president has grown, and support of that possibility was given weight when the Republican National Committee announced Philadelphia as the site for its 2000 convention. (Various reports suggest Texas Gov. George Bush II as a strong potential presidential candidate.)

Though alternative political parties — such as the Libertarians — seemed to dwindle in support since the 1996 presidential election, a former professional wrestler was elected governor of Minnesota in November.

On another level, the year can be expected to remain in the memories of some as the last year to raise hogs, or dairy farm, or to own a farm.

Hog market prices are well below the cost of production, blamed on a domestic glut due to the failure of intended exports.

The National Farmers Organization has recently called upon the federal government to buy up excess hogs and use the meat for public welfare programs, such as school lunches, public food pantries, and soup kitchens.

Independent hog producers seem to be the most affected, while those integrated operators with protective contracts are expected to ride out the unprecedented low prices.

The industry is expected to emerge even more integrated than before.

Grain prices also dropped heavily, again blamed upon the lack of export markets.

In fact, to cut to the chase, the only commodity production industry apparently faring well is the dairy industry, which has been experiencing all-time high base prices during the past several months and very favorable feed prices.

However, the increase in price received at the farm gate only began in the summer, following a period of low dairy prices and high feed costs.

That period eliminated production on many farms, though continued expansions of some of the herds picked up the slack.

After several months, the milk price received at the farm caught up to the reported shortages of butterfat during early summer.

The shortage of butterfat led to higher butter and cheese prices.

For a period, the combination of butter and cheese price increases resulted in a temporarily strange pricing situation, where drinking milk prices didn't increase, but manufacturing value increased significantly.

At one time during the year, the U.S. Food Manufacturers Association lobbied the United States government to allow increased imports of butterfat, though the request was decried by the dairy industry and denied.

The argument against increasing the importation of butterfat was simply that the current system shouldn't be changed just because the manufacturers are starting to feel the impact of supply-and-demand pricing for United States dairy product.

Dairy producers noted that there was no outcry from the manufacturers when dairy producers went out of business because they received below cost-of-production prices.

The weather for the year was ironic, if nothing else.

Growing degree days were two weeks ahead of normal going into summer, and continued at about that pace through the season.

On Feb. 17, 1998, the Susquehanna River Basin Commission (a 100-year federal/state compact with authority over the flows of the Susquehanna River) had officially taken the last counties off of its "drought watch" status. Those counties included York, Lancaster, Lebanon and Chester in Pennsylvania, and Harford and Cecil in Maryland.

That concern began July 17, 1997, when all the counties in the Susquehanna River Basin had been declared to be a state of drought watch.

Rain came early and often in 1998 and by the Feb. 19 withdrawl of drought watch, all those counties received above normal rainfall for the year.

Though early wet and warm weather allowed some weed growth to advance to reproductive stages before crop planting season, and some were only able to work fields late in the planting season, the rest of the summer growing season seemed to fair well.

By the second week of June, corn planting in the area was about complete, soybeans were behind and 85 percent of the hay was reported good to excellent in condition, but the Pennsylvania Agricultural Statistics Service had already noted a lack of rain.

Rainfall came at fortuitous times later in the summer, and was not much concern by harvest.

However, the streams across the northern tier of Pennsylvania suffered low flows during the summer of 1998 and the Susquehanna River and its tributaries are in serious trouble going into 1999.

The Delaware River Basin is similarly in a state of high concern.

Record high temperatures during the first two weeks of December and drought conditions throughout the state provided a false "spring" for many plants, and many insects began to re-emerge from hibernation — wasps, hornets, etc.

For golf course superintendants and others who grow various grasses with irrigation, it meant an extended season of growth.

Weeds began to emerge in post-harvest tilled and re-seeded fields, and that could possibly be good if the cold kills those weeds and it results in less weed emergence in the spring.

Successful antlered deer hunters were forced to head to butcher shops immediately, in the near 70-degree temperatures across the northern tier.

The state Department of Conservation and Natural Resources Bureau of Parks banned open fires and smoking on state forest lands, while the Pa. Game Commission banned the same on game lands.

The Pennsylvania Emergency Management Council, headed by Lt. Gov. Mark Schweiker, on Dec. 15 advised the governor that conditions exist to delcare a drought emergency for 12 counties.

By Dec. 18 Gov. Ridge had officially declared a state of drought emergency for those counties — Bedford, Blair, Cambria, Blarion, Clearfield, Crawford, Elk, Jefferson, Lycoming, Snyder and Somerset.

There are three levels of drought declaration, according to severity of dryness.

The first level, a drought warning, carries with a provision for voluntary conservation measures and a 5-percent reduction in water use.

The second level is a drought watch, and carries a provision for voluntary reduction of 10 percent of the water use.

The Lt. Gov. can declare those two levels.

Drought emergency status carries more weight and can only be declared by the governor.

"My drought emergency declaration will allow state agencies to make emergency resources available," Gov. Ridge said in a news release.

"We'll allow municipalities in those areas to enforce water-conservation measurers, ban non-essential use of water and receive emergency water resources. We'll work to provide appropriate resources to assist Pennsylvanias in areas where we have water emergencies. We'll monitor conditions statewide and provide additional assistance should conditions worsen."

That statement was made before an artic front entered the state and began freezing the ground.

Cold air is also dry air, since cold air can't accommodate as much water vapor as can warm air, artic fronts can easily exacerbate drought conditions.

Frozen ground prevents any rainfall from beginning to immediately percolate and filter through the soils into aquifers.

But reaching historic extremes in temperature and rainfall during the year, and ending up being the warmest year on record, were not the only weather events of note.

A series of tornadoes tore through the state the first week of June.

Gov. Ridge requested federal disaster aid for Allegheny, Berks, Chester, Delaware, Lancaster, Monroe, Montgomery, Philadelphia, Pike, Somerset and Wyoming counties.

The damage was great.

In the business world, there were several additional mergers and consolidations.

The New York Coffee, Sugar & Cocoa Exchange ended 1997 with a record volume of traded contracts, and about the same time the trading company announced its previous year's activity, a federal program attempting to educate dairy farmers to the use of using dairy futures options contracts to manage profits was announced.

The Pennsylvania Direct Marketing Association worked on rejuvinating itself into an effective organization for agricultural entreprenuers seeking ideas and products to help their businesses.

A number of Lancaster area tobacco farmers formed a marketing cooperative recently after Jane Balmer, Lancater County Farm Bureau president and tobacco farmer, spearheaded efforts among growers to take their marketing into their own hands.

The 438 tobacco growers on the cooperative, as of mid-December, were left with a mostly unsold 1997 tobacco crop in storage while they worked to harvest a 1998 crop.

The local tobacco auctions folded, and tobacco buyers, after picking out the top quality 1997 product and then offering low prices for the rest, stopped sales discussions when buyers attempted to hold out for a more reasonable price.

Tobacco companies, however, have been sued by a coalition of U.S. states' attorney generals, and face high charges to their business profits, though global tobacco consumption and demand increased.

The cooperative is seeking ways

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# Historic Extremes

(Continued from Page A26)

to collectively add value to the historically top cash crop of the region.

In a similar, though seemingly unsuccessful effort, a series of meetings were held by people attempting to create and organize an effective national milk pricing organization.

Calling itself the American Raw Milk Producers Pricing Association, its leaders compared itself to the Regional Cooperative Marketing Agency (RCMA) which attempted to secure appropriate payment of premiums to farmers.

RCMA's weakness appeared to be its lack of control of product supply, its regionality, and a reluctance on the part of dairy processors and buyers to welcome the agency.

Continuing along dairy lines, established dairy farmer cooperatives continued to merge and enter into joint ventures with domestic and foreign-owned businesses, as the cooperatives continue to work to control supply, production and product quality in an attempt to control profit.

The 22,000-dairy farmer member Dairy Farmers of America Inc., one of the bigger national cooperatives with joint ventures in New Zealand and Europe, recently announced another merger, this one with the Independent Cooperative Milk Producers Association out of Grand Rapids, Mich.

Land O' Lakes Inc., a competing large dairy and agricultural supply cooperative recently announced its own labeled line of dairy production cleaning and supply products.

Dean Foods Inc. continued to pursue purchases of small dairy processors across the nation and locally purchased Wengert's Dairy, a highly respected longtime family owned operation noted for its top quality milk and dairy products.

The Middle Atlantic Milk Marketing Association (MAMMA) technically still exists, though on paper only. In effect it merged with two smaller milk promotion organizations. Legally it can't.

MAMMA, a dairy promotion and marketing organization funded by dairy farmers, in June announced it had concluded a "consolidation of operations" with two newly merged dairy councils — Dairy Council Inc. and the Dairy Council of Greater Metropolitan Washington, D.C.

The Pennsylvania Poultry Federation held its last banquet this year as it merged into the Penn Ag Industries Association (PAIA), a full-spectrum umbrella agribusiness industry association.

The Poultry Federation joined some other major business sector groups in becoming a "council" within the PAIA, which also serves as a sort of roundtable for agriculture.

For those concerned with rural health, the merger of the Penn State health system with the Geisinger health system was officially approved by the state attorney general, who declared that the new organization is set to provide better access to health services for more people.

In other business news, the leadership for Lancaster Farming changed hands.

One of the original founders and former owner of the newspaper, after almost 43 years, Robert Campbell retired in June as general manager, and was replaced by William Burgess.

In animal health issues, in March avian influenza was confirmed on two farms in Lancaster County, although there were no other reports for the year.

That came as welcome releif following more than a year of the troublesome disease cropping up occasionally on different farms, mostly in Lancaster County.

The state Department of Agriculture held its first Avian Health Symposium in January, an event expected to be repeated as the industry seeks ways to prevent and fight disease, and also discover methods for recovering losses due to communicable disease condemnations.

Also announced was a statewide psuedorabies control program with the goal of eradication by 2000.

John Enck Jr. was hired to fill the directorship of the state Bureau of Animal Health and Diagnostic Service, left vacant with the retirement of Dr. Max Van Buskirk.

The state also had several programs initiated this past year in an attempt to provide better service and government.

PennDOT and other agencies collaborated to offer a Dirt and Gravel Roads program whereby a series of seminars were offered to the state's roadmasters who deal with the state's 27,000 miles of dirt and gravel roads.

These roads are key sources of sedimentation and storm water pollution of critical and sensitive tributary streams across the state. The educational program offered support and technical resources for those seeking to comply with regulations and rebuild or maintain their roadways for durability and efficiency, as well as environmental compatibility.

Continuing along environmental issues, Maryland's political leaders — apparently reinforcing the observation that perception is reality in politics — reacted strongly to an unscientifically made relationship between the farming nutrient phosphorus and an aquatic organism in the Chesapeake Bay.

The result is Maryland's governor proposing and the Maryland Legislature approving perhaps the toughest nutrient management regulations in the country, focusing on phosphorus as well as nitrogen, and calling for the shipping of manure out of areas where soil levels of nutrients are high.

The organism (pfisteria) that killed some menhadden in late summer 1997 is suspected in causing memory loss in watermen exposed to the same waters in the Bay.

However, the pfisteria problem was somehow linked to phosphorus levels in the Chesapeake.

Concern about some other pfisteria problems in the Carolinas and with water problems in the Mid West where the building of confinement hog raising operations has exploded in recent years were included in the "better safe than sorry" reasoning for the Maryland legislative reaction to a fairly unsubstantiated environmental assumption.

However, the effect of phosphorus concerns didn't remain in Maryland.

The federal government, especially the U.S. Environmental Protection Agency, issued new rules for states for complying with the national Clean Water Act and the National Pollution Discharge Elimination System, whereby permits are required for concentrated livestock operations, called concentrated animal feeding operations (CAFOs).

The permits effectively would call for nutrient management planning.

The USDA and EPA later in the year issued a Unified Joint Strategy for Animal Feeding Operations. In short, the strategy calls for all livestock operations to develop and implement nutrient management plans.

Meanwhile, Pennsylvania's Nutrient Management Act regulations have been under consideration for revision in order to comply with the EPA CAFO requirements.

In testimony, environmental groups are now pressuring for national nutrient management plans that would limit manure

(Turn to Page A29)

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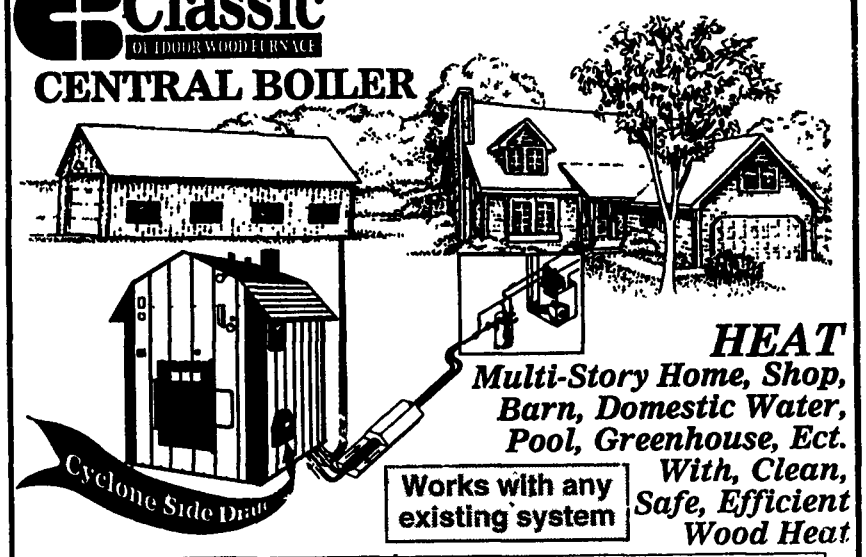


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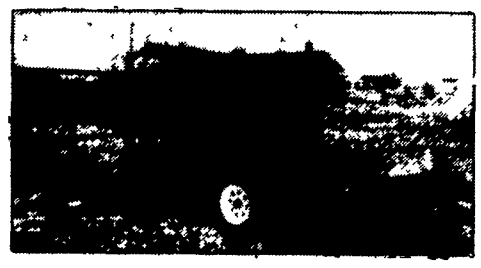

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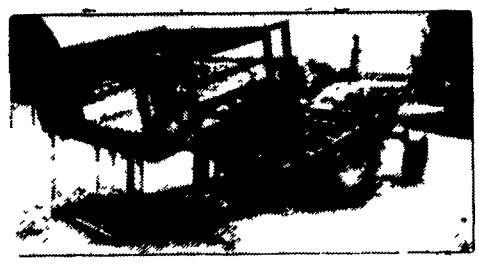

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# Lancaster County Tobacco Show Tuesday

LANCASTER (Lancaster Co.) — The 1999 Annual Lancaster County Tobacco Show is set Tuesday, Jan. 5, at the Lancaster County Farm and Home Center.

The show will have classes for vocational agriculture students and for other tobacco growers.

Vocational agriculture students who have tobacco they would like to exhibit may enter their exhibits from 9:30 a.m. until 11 a.m. Other growers can enter their exhibits from 10:30 a.m. until noon. Judging will begin at 1 p.m. with results available at the completion.

The program is sponsored by Penn State Cooperative Extension in Lancaster County. All Lancaster County tobacco growers are encouraged to participate in the show.

The show will be conducted according to the following rules: Classes are the same as listed in the 1999 Pennsylvania Farm Show Catalog except each class will also have a VoAg class for vocational agriculture students to participate in. Entries should use the class number as listed followed by VoAg. Maryland type tobacco will be exhibited as "Pennsylvania Grown Smoking." Every exhibit must have a completed Pennsylvania Farm Show Entry Form containing the following information: class number, class name, exhibitor's name, address, and the exhibitor's Social Security number.

An exhibit will consist of 15 leaves tied with a leaf All exhibits must have been grown by the exhibitor in Pennsylvania during the 1997 growing season and be unsweated.

Exhibitors in the open classes will be limited to two exhibits per class per farm. Youth may have one exhibit per class in the youth show and one exhibit per class in the open show.

For additional rules, see the "Premium List, 1999 Pennsylvania State Farm Show" book. All entries in the County Show will be entered in the Pennsylvania Farm Show. Tobacco will not be returned to the exhibitor after the Farm Show.

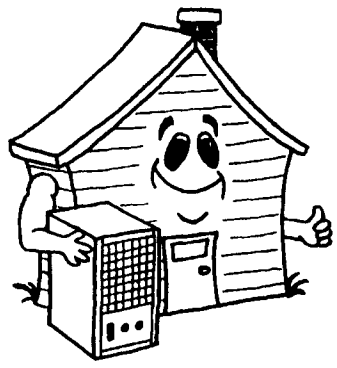
The Lancaster County Tobacco Show will be held in the basement meeting room of the Lancaster Farm and Home Center.

All interested tobacco growers are invited to attend and participate in the show. Anyone who would like to enter an exhibit in the show and has questions should contact Bob Anderson, Lancaster County extension office, at (717) 394-6851 for more details.

# Tobacco Auction Plans Progress

**Officials of the Pennsylvania Tobacco Marketing Cooperative that recently organized to hold auctions of both the 1997 and 1998 tobacco crop announced this week that they will be receiving tobacco in Lancaster County the week of January 11. But the time and place had not been finalized at *Lancaster Farming's* early New Years Day early press time.**

**President Jane Balmer said good word has been received from several southern tobacco companies who say they will come to the local auction to buy when it is held. It can also be reported that the organizers of the cooperative have everything just about in place but ask that their plans not be reported this week in case a last minute change needed to be made. A report in next week's issue of *Lancaster Farming* is scheduled to give full details of the auction plans.**

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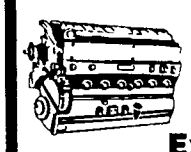
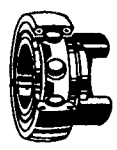
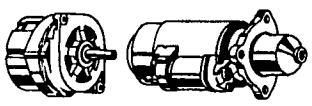
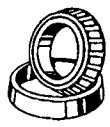

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# Historic Extremes

(Continued from Page A27)

applications to any nutrient in excess of anticipated crop needs, especially phosphorus.

The Dairy Network Partnership, a group of dairy producers and environmentalists seeking a solution to providing financial rewards for farmers who agree to place certain environmental considerations above those for business survival.

In May, the DNP announced Chesapeake Milk, a labeled product bottled by Sunnydale Farms in New York. It recently went onto grocer dairy cases in the region and a percent of the retail price, above the regular market value of the milk is returned to cooperating dairy producers.

The EPA has been busy raising the ire of agriculture locally and nationally, especially with its interpretation of the national Food Quality Protection Act.

The FQPA was intended to replace the outdated and unfair Delaney Clause, a federal law that set zero tolerance for chemical residues in foods.

The FQPA was supposed to have been designed to provide a risk-cost assessment to determine acceptable residue levels.

New technologies of testing products have allowed for the sensitivity to detect miniscule levels of suspect residuals, which goes far beyond what is considered a level of concern.

However, in doing its reassessments, the EPA threatened to ban the organophosphate family of pesticides and offered no effective replacement.

The White House did stall the EPA's momentum, but agricultural leaders, such as Guy Donaldson, elected president of the Pennsylvania Farm Bureau this year, have been warning that the issue is not going to go away.

The state Department of Agriculture introduced a new program this year, borrowing from existing bond issue laws that provide a means for local economic development authorities to serve as a catalyst for what can effectively be low interest loans to help family farms remain in the family and be passed on the the next generation.

Hence, the name, "Next Generation Farmer Loan Program."

The agriculture department, in a continuing effort to promote exports and upgrade the image of Pennsylvania agriculture, unvieled a new logo during Penn State University's Ag Progress Days. It is "Products for the Planet."

The Pennsylvania Farm Show got a boost in international recognition this past year when it was voted the top special event in the nation, a competition that compares major farm and agricultural and rodeo.

The Farm Show also got a new set of stalls and other improvements.

Another milestone was that the Legislature approved and the governor signed into law wording that acknowledges that aquaculture is finally agriculture in the state. It also makes it that the PDA is the overseeing organization, instead of a variety of environmental and business and agricultural bureaus and agencies.

There were also several anniversary milestones noted during the year: the Penn State Dairymen's Club celebrated its 20th year; the Pennsylvania All-American Dairy Show celebrated its 35th year; and the Keystone Stud Ram and Ewe Show and Sale was 50.

Other milestones of note: the Pennsylvania Farmland Preservation Program marked its 1,000th preserved farm and Lancaster Farmland Trust closed in on its goal of 100 farms preserved in 10 years.

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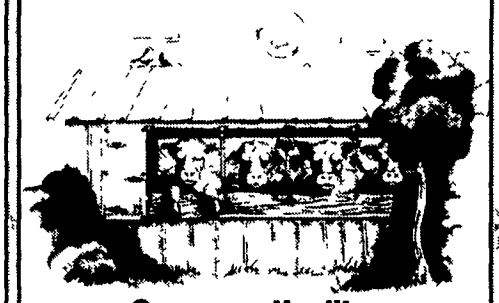
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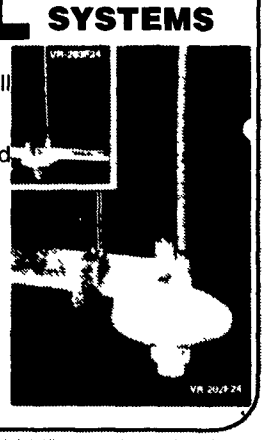

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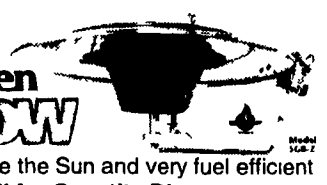

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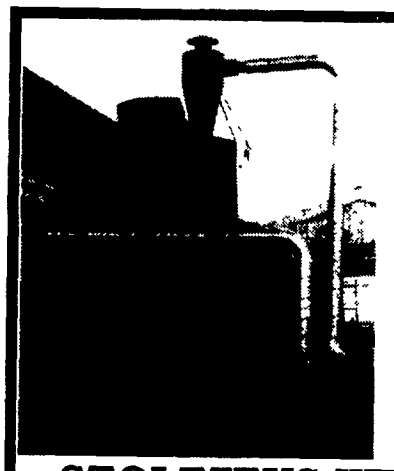
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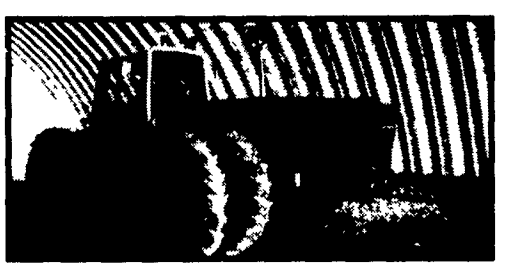
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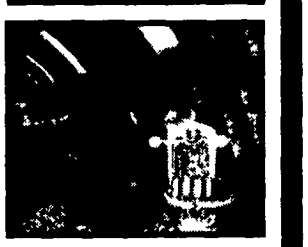
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# ❖ FARM CALENDAR ❖

(Continued from Page A10)

Public Hearing On Commodity Prices For Pa. Agriculture, Pa. Farm Show Complex, 1 p.m.-4 p.m.

Mid-Atlantic Cooperative Extension Poultry Health/ Management Unit, University of Del., 7:30 a.m.-3:30 p.m.

**Saturday, January 9**

Pennsylvania State Farm Show, Farm Show Complex, Harrisburg, thru Jan. 14.

**Sunday, January 10**

**Monday, January 11**

Basic Computer Workshop for Beginners, Mifflin County Library.

Cornell Cooperative Extension 1999 Winter Dairy Management School, Delevan Fire Training Center, 9:30 a.m.-3:20 p.m.

Advanced Landscape Plant IPM Short Course, Plant Science Building, University of Maryland, College Park, thru Jan. 15.

**Tuesday, January 12**

Solanco Young Farmers Meeting, Computer Education, Solanco High School, 7:30 p.m.

Ephrata Area Young Farmers pesticide update meeting, Lincoln Family Smorgasbord, Ephrata, 6:45 p.m., also Feb. 9.

Act 6 Nutrient Management Certification/Plan Writing Seminar, Berks Ag Center, certification.

Vegetable Update Meeting, Carroll County extension office, Westminster, Md., 9 a.m.-2 p.m.

Farm Show Trip From Wayne County, leaves Wayne County Courthouse 7 a.m., stops at McDonald's Restaurant, Hamlin, 7:15 a.m.. Leaves Farm Show Complex at 4:30 p.m. and returns to Honesdale, 7:30 p.m.

Basic Dairy Farm Management Workshop, Clarion County extension office, 7:30 p.m., also Jan. 20.

**Wednesday, January 13**

Workforce Management for Farms and Horticultural Business, Radisson Penn Harris Hotel and Convention Center, Camp Hill, through Jan. 15.

Wayne County DHIA annual meeting, Bethany Methodist Church Hall, Bethany, 12:30 p.m.

Act 6 Nutrient Management Certification/Plan Writing Seminar, fertility, Berks Ag Center, Leesport, exam Jan. 20.

**Thursday, January 14**

Act 6 Nutrient Management Certification and Plan Writing Seminar, Lysock Center, Williamsport, 9 a.m.-3:30 p.m. Also Jan. 21 (certification) and Jan. 28 (exam).

Lancaster County Town Meeting III, Lancaster Farm and Home Center, Lancaster, 7 p.m.-9 p.m.

Crops Workshop For Dairy Farmers, Mahantongo Fire Company Hall, Pitman, 1 p.m.-3:30 p.m.

Act 6 Nutrient Management Certification and Plan Writing Seminar, fertility, Lysock Center, Williamsport, certification Jan. 21, exam Jan. 28.

**Friday, January 15**

Pa. Corn and Soybean Conference, Days Inn Conference Center, Allentown, 9 a.m.-3:30 p.m.

Exploring Emerging Organic Markets, Wye Research and Education Center, 9:30 a.m.-2:30 p.m.

**Saturday, January 16**

Dauphin County Holstein Association Annual Meeting, Old Country Buffet, Harrisburg, 11 a.m.

Penn Jersey Grain Marketing Conference, Days Inn Conference Center, Allentown.

**Sunday, January 17**

**Monday, January 18**

Pa. DHIA Delegate Meeting, St. Mary's Country Club, St. Mary's, 9:30 a.m.-3 p.m.

Great Lakes Vegetable Growers' Convention, Grand Center, Grand Rapids, Mich., thru Jan. 22.

Beef 2000 Hands-On Ranch to Rail Program, Penn State University, thru Jan. 20.

New Holland Vegetable Day, Yoder's Restaurant, New Holland, 9:30 a.m.-3:30 p.m.

Living Mulch Workshop, Penn State Ag Arena, University Park, 1 p.m.-4 p.m.

**Tuesday, January 19**

New Jersey Vegetable Growers Show, Trump Taj Mahal, Atlantic City, thru Jan. 21.

Solanco Young Farmer meeting, Animal Health, Solanco High School, 7:30 p.m.

Pa. DHIA Delegate Meeting, Ramada Hotel, New Stanton, 9:30 a.m.-3 p.m.

Pa. Lime and Fertilizer Conference, Nittany Lion Inn, State College, thru Jan. 20.

Farm and Home Foundation Annual Meeting, Farm and Home Center, 6:30 p.m.

Farm Finance Management Training, Washington County extension office, also Jan. 26.

**Wednesday, January 20**

Ephrata Area Young Farmers Mentoring Program, Ephrata High School, 11:30 a.m.-1 p.m.

Johne's Disease Control Meeting, Franklin County Administrative Annex Community Room, Chambersburg, 10 a.m.-noon.

**Thursday, January 21**

Pa. DHIA Delegate Meeting, Mt. View Diner, Clifford, 9:30 a.m.-3:30 p.m.

Pa. State Association of County Fairs 87th Annual Convention, Hershey Lodge and Convention Center, Hershey, thru Jan. 23.

Computer Technology for Ag Producers, Sheraton Inn, Mars, 9:30 a.m.-5 p.m.

Tuckahoe Equestrian Center annual memebgership meeting, Adkins Arboretum, 7 p.m.

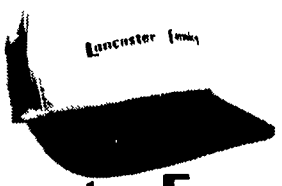
Northwest Pa. Fruit Growers Meeting, New Wilmington Grange Hall, New Wilmington, 6 p.m.

Farm Business In Transition, Morrisons Cove Community Center, Martinsburg, 7 p.m.-9:30 p.m.

Farmstead Exclusion Meeting, Venango County extension office, 1 p.m.-2 p.m.

**Friday, January 22**

Pa. DHIA Delegate meeting, Edgewood Family Restaurant, Troy, 9:30 a.m.-3 p.m.

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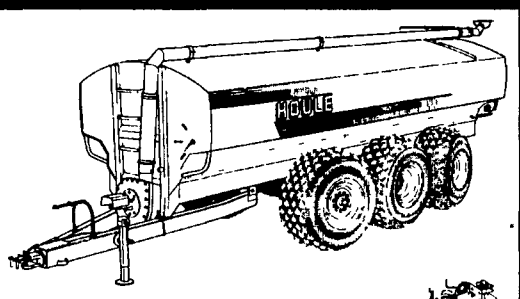


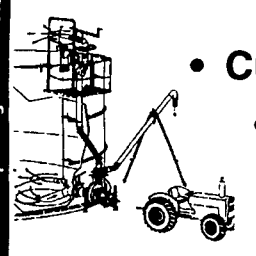

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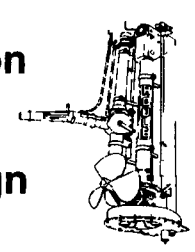

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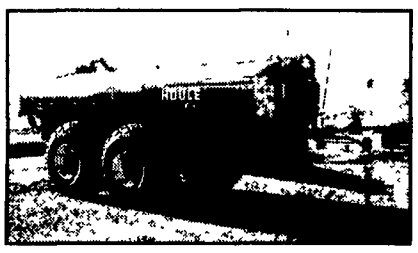


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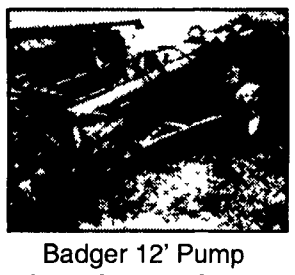

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# 1999 New Holland Vegetable Day
# January 18, 1999
# Yoder's Restaurant
## Sponsored by ELANCO School District and Penn State Cooperative Extension

9:00-9:30 A.M. **Registration, Coffee and Donuts courtesy of Keystone Farm Credit**

9:30-9:45 **Welcome, Introductions and Orientation to the program**

9:45- 10:30 **Concurrent sessions**

| | |
|---|---|
| Regulations for selling baked goods and jams | John Berry, PSU Coop. Extension |
| *Leafy Greens Production | Rick VanVranken, RCE, Atlantic Co. |
| *Field Grown Cut Flowers | Alan Michael, Rob Berghage, PSU |
| *Powdery Mildew Resistant Pumpkin Trials | Tim Elkner, PSU Coop. Extension |

10:30 - 11:15 **Concurrent Sessions**

| | |
|---|---|
| Vegetables for the Ethnic Market | Rick VanVranken, RCE, Atlantic Co. |
| *Organic Vegetable Production | Harry Wimer, Paradise Organics |
| Hanging Baskets and Plant Combinations | Alan Michael, Rob Berghage, PSU |
| Exhibitors Show and Tell | Exhibitors |

11:15 -12:00 **General Session**

| | |
|---|---|
| **How Insect Populations Grow | Dr. Shelby Fleischer, Penn State |

12:00- 1:00 **Lunch**

1:00 - 2:00 **General Session**

| | |
|---|---|
| Vegetable Plastic Research at Penn State | Dr. Bill LeMont, PennState |
| Vegetable Research Program Update | Bill Troxel, PA Veg. Growers |

2:00 - 2:45 **Concurrent Sessions**

| | |
|---|---|
| Vegetable Varieties for 1999 | Dr. Mike Orzolek, PSU Extension |
| *New Materials for Insect Control in Fruit | Dr. Carl Felland, PSU Extension |
| *Cole Crop Insect Management | Dr. Shelby Fleisher, PSU Extension |
| *Field Grown Flowers, A Grower's Experience | Leland Miller, Grower |

2:45 - 3:30 **Concurrent Sessions**

| | |
|---|---|
| Vegetable Varieties for 1999 | Dr. Mike Orzolek, PSU Extension |
| Trickle Fertigation, | Dr. Bill Lamont, PSU Extension |
| *Organic Greenhouse Vegetable Production | Chris Petersheim, Paradise Organics |
| *IPM in the Orchard | Dr. Carl Felland, PSU Extension |

3:30 P.M. **Visit exhibits on your way home**

* **Category** pesticide credits will be available for these sessions

**Core pesticide credits will be available for these sessions

# New Holland Vegetable Day Jan. 18

NEW HOLLAND (Lancaster Co.) — Field-grown cut flowers, organic vegetable production, trickle irrigation and plasticulture, and new vegetable varieties are just a few of the 17 different topics that will be covered at the 1999 New Holland Vegetable Day on Jan. 18.

The meeting is sponsored by the Eastern Lancaster County School District and Lancaster County Cooperative Extension.

There will be something for everyone. Rick Van Vrankin cooperative extension agent from New Jersey, will talk about "Leafy Greens Production" and "Vegetables for the Ethnic Market." Greenhouse growers will want to attend the session on "Hanging Baskets and Plant Combinations."

Fruit tree growers will want to sit in on Dr. Carl Felland's sessions dealing with insect management in the orchard. Roadside stand operators won't want to miss the session dealing with "Regulations for Selling baked goods and Jams."

Dr. Shelby Fleischer from Penn State will discuss "How Insect Populations Grow" in a general session. He will get more specific later in a breakout session on "Cole Crop Insects."

Pesticide credits will be available at some sessions.

The meeting will be at Yoder's Restaurant in New Holland. Yoder's is located along Rt. 23 at the eastern edge of New Holland.

Registration begins at 9 a.m.

Cost for the day is $6 per person, if you preregister by Jan. 12 or $10 per person at the door. Lunch is provided.

For more information, contact Jeff Stoltzfus at (717) 354-1522. To register send the enclosed form along with a check for the appropriate amount to Adult Farmer Program, 126 Eastern School Road, New Holland, PA 17557.

Name _____

Address _____

_____

# Attending_____ @ $6/person = _____ Total

Make checks payable to "Adult Farmer Program"

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New Holland, PA 17557

Ag Symposium - 1999

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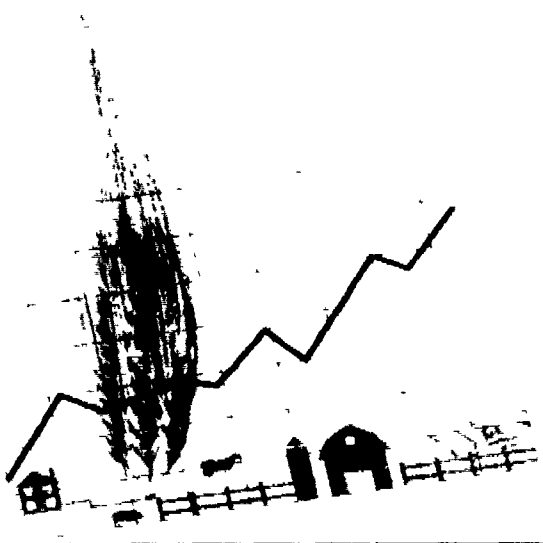

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# Teachers Embrace Popular Ag In Classroom Seminar Program

ANDY ANDREWS
Lancaster Farming Staff

READING (Berks Co.) — So who will teach the teachers?

That's a question for which one extension office may have the answer.

For the past 15 years, hundreds of Berks County school teachers have participated in a unique program that allows up to 40 teachers at a time to tour farms, speak to farmers, and see how food is grown, processed, and sold to the public.

The Berks County Ag In The Classroom Teacher Seminar Program was launched in 1983 as part of a joint Penn State Extension Service/Intermediate Unit project to educate the teachers — and bring agriculture's message to the classroom.

According to Clyde Myers, Berks County extension agent and program coordinator, "Being a farmer and teacher, I always thought we'd like to educate teachers," he said. "And teachers are consumers. Through this program, we hope they'll have a better understanding of the number one industry."

Many of the teachers have been participating in the program since its inception.

Joan Crossan, first grade teacher at Governor Mifflin Elementary School in Shillington, has been attending the seminar the past 10 years.

Crossan said she uses the materials from the seminars to introduce agriculture to the class in a variety of ways.

The students "learn where food comes from, and we do a unit on keeping fit and healthy, eating the right foods," she said.

While much of the information can sometimes be beyond the comprehension of first graders, Crossan noted that the material is "useful to myself as a person, and those things I feel I can bring to the class."

Crossan has attended all the seminars this year. She has taught at Governor Mifflin for 19 years and previously in the Reading district. Crossan said that she enjoyed the visit to the Berks County Ag Center in mid-October, where 4-H'ers provided descriptions of their projects.

After a tour of a swine farm, Crossan reads the story of "The Three Little Pigs" and then talks about how real pigs are raised. Back in September, during a study of Johnny Appleseed, the first graders learned about orchards and how they are managed.

The students are introduced into what jobs are available for people who want to work in the orchard and other related industries.

Bonnie Krick, who teachers kindergarten at Antietam-Mount Penn Elementary School, said she loves the seminars.

Krick said that Myers, who coordinates the program, is "wonderful." She has attended the teacher training program conducted yearly during the summer at Penn State for the Ag In The Classroom project and has learned that the program is unique to the state.

"No one else has a program like this," she said. All the teachers she speaks to at the seminar "just love it," she said.

For Krick, it is important not only to participate in the teacher seminar but to schedule student visits to various farms and processing industries in order to learn, at an early age, about how food is produced. She said that the entire kindergarten class is taken to a farm, Werner's Apple Orchard, to show how apples are grown.

In the fall, the students were taken to the Sheerlund Forest Tree Farm in Grill, near Shillington. The students look at the trees and pick the "tallest and fattest and smallest trees," and they learn about varieties of trees. This time, the students brought back praying mantis nests to be hatched in the spring.

Krick is assisted by Mrs. Peggy Allgaier, another kindergarten teacher at the school.

"We are very appreciative of what Clyde is doing," she said.

From Mount Penn, at least six teachers, K-6, are involved in the program.

Tom McIlhenny, technology education teacher at Northeast Middle School, Reading, recently visited Garden State Tanning Company near Fleetwood. Teachers saw how the company takes cow hides and transforms them into luxury automobile seats. At Garden State, 450 employees make luxury car seats for BMW, Honda, Mazda, Nissan, and Toyota.

Employers, McIlhenny noted, are looking for specific work characteristics from students entering the workforce. Kids need to "think on their feet, get along with other people, dress appropriately, and get to work on time," he said.

On the tours, McIlhenny speaks with workforce managers to see what they need and conveys this information to the students in the program.

The middle school, encompassing sixth to eighth grades, uses the information from hogs, dairy, sheep, and other farms. The tours of orchards are useful because "we have a lot of bilingual students here," he noted, "a lot of migrant workers and kids with parents who work in the orchards and for the mushroom industry." Students learn about work available in the area.

McIlhenny said that many of the brochures and other handouts available at the seminars are useful. Some of those items are posted. He said the curious thing about students in the program is that many are from the city and never really see what's around them.

McIlhenny said that many don't understand there is a lot of "country" still in the county, with farms. But he loves the "industrial tours," he said. "Who thinks of these amazing things, these machines that can do that kind of work?"

Joan Crossan of Governor Mifflin was impressed with the tour of Skyline Acres Dairy Farm in Shartlesville along with a tour of Mountain View Supply. The 438-cow freestall barn, hospital barn, and double-12 parallel milking parlor at Skyline impressed the teachers, particularly Crossan, who said the farm "was so clean."

Another who was impressed was Scott Clay, 8th grade science teacher at Tulpehocken Junior High in Bernville. Clay was amazed by how different the dairy was compared to other dairies he visited in the past.

Clay was mostly impressed with the farm's use of technology.

"Technology is creeping into every aspect of agriculture," he said.

Clay noted that the tours provide a lot of self-enrichment for teachers. The science teacher has been instructing students for 34 years and has participated on the tours for about 12 years.

Clay noted he was impressed with the way Myers coordinates the meal with the tours. On a sheep farm, Clay noted, mutton or lamb stew is served; on a duck tour, duck salad is served; on a poultry tour, roast chicken is on the menu; and steaks are served on the beef tours.

Three to four years ago, Clay said, a tour of a mushroom grower was offered. A mushroom growing project was handed out to each of the teachers to allow students to see how mushrooms are grown in the classroom.

Three teachers from the school attend the seminars, including one from the elementary school and two from junior high.

Clyde Myers, Berks agent, noted that about 100 different teachers from the county participate in the program. Others are considering starting a similar program, including Cumberland and Lancaster counties.

In Lancaster, Lori Little, 4-H animal science agent, said plans are under way to host a Farm City Day for Lancaster city schools in cooperation with the conservation district public education coordinator. No plans so far are under way for an actual teacher seminar — the approach right now, according to Little, would be to bring the students in and teach them about agriculture.

During the Berks County December tour to Garden State Tanning, teachers also toured Sunsweet Growers, Inc. in Fleetwood. The plant employs 100 and has a capacity to produce 15 million cases of juice per year. Sunsweet is a cooperative owned by 700 prune growers in California. The Fleetwood plant processes Sunsweet prune juice and has co-packed products for Kraft, General Foods, Quaker Oats, and other companies.

In March, a tour is planned of J.C. Ehrlich, lawn and tree care and structural pest control business, in the northwest Reading area. Teachers will be able to learn the science behind the green industry of lawns, trees, and vegetation management as well as control of structural pests. Identification of problems, integrated pest management, and laws related to use of chemicals are part of the program.

In April, the teachers are scheduled to tour Heck Brothers Florist, Inc. in Mount Penn. An overview of the industry and tour of the showroom, modern design workroom, and separate display greenhouse will be provided. The same day, the group will tour Mutschler's Florist and Rare Plants in Exeter Township. Bob and Elsie Mutschler specialize in unique floral designs, plant material, and gift items.

In May, the group will tour a Hereford, Simmental, and crossbred cow/calf farm to observe activities associated with producing feeder calves, including intensive grazing. They will also tour a feedlot which finishes 260 head of steers each year. The last stop will be a business which processes beef into consumer products. The tour will finish with a beef meal sponsored by the Berks County Cattlemen's Association.

Myers said that he is in the process of putting together a survey to see how the teachers use the information in the classrooms.

The program is sponsored by cooperative extension, Berks County Farm Bureau, Berks County Chamber of Commerce, and the Berks County Farm-City Council.

# *Farmers Share Bond No Matter Where They Live*

(Continued from Page A1)

minutes to other fields," Butch said.

This past summer the two brothers purchased their father's share in the corporation.

Both brothers are married to a Donna, which is a bit complicated when trying to differentiate between the two. Butch said that before he married his wife, he hired her to help milk cows.

"I had told her father (a hog farmer) that I needed some help on the farm. He said that he'd send his daughter over. I hired her, then I married her," Butch said. Donna continues to help with the daily milking.

"Maybe this sounds funny, but I just love those cows," Donna said. She also loves to cook and bake.

"People always say that farm wives are good cooks," Donna said. "But I have to confess that when I got married I couldn't cook. Growing up I had always worked out in the barn. But I learned to cook by reading *Lancaster Farming* —I consider you guys like part of my family. I just love reading your paper," Donna said.

Butch said, "One of the stipulations when I married Donna was that we'd always have to subscribe to *Lancaster Farming*. Now I couldn't do without it either."

Peter's wife doesn't get involved in farming, but their two sons, Scott, 19, and Jeff, 21, work full time on the farm.

The farm has mostly a grade herd. As members of Northeastern DHIA, the herd has a rolling herd average of 18,000 pounds.

"We don't push our cows much," Butch said. "We'd like to get production up. We are bothered some with getting our cows bred. I guess we're too busy to watch them closely enough for heat detention," Butch said. "We're looking at heat watch systems to help out."

The brothers share the chores.

"My brother likes to fix equipment better than me. I like to run it," Butch said.

They raise about 200 acres of corn, 150 acres of alfalfa, and 100 acres of grassland.

"We've got pretty gravelly ground up here. It dries out a bit fast in dry weather, but it's fairly level land," Butch said.

From November through May 1, the cows and young stock are kept in the barns. During the warmer months, the young stock and lower producers are put out to pasture.

While the parents milk, Butch's and Donna's daughters, Regina, 6, and Rebecca, 4, play in the dollhouse that Butch erected near the milking parlor.

They also play with their Jersey cows.

"My wife gets the girls to pet the calves as soon as they are born and they get real attached to the Jerseys."

The girls started showing at local fairs when they were only three years old.

Butch said the girls don't have any trouble leading the animals around the show ring, because the Jerseys are so tame that they'd do anything for the girls.

Although the farm milks Holsteins, the parents purchased Jerseys as show animals for the girls.

"Jersey's are a different temperament than Holsteins. The Jerseys are a lot calmer and easier to handle. My girls said the farm will have all Jerseys someday, but to me a good cow is a good cow. I don't care what color she is."

Grover-Maple Farm is more than a large dairy farm. The Grovers also have 3,000 sugar maple taps.

"I guess the cows get cheated a bit in March during our busiest time," Butch said of the rush to gather and boil syrup.

Maple syrup quantities vary, depending on the weather. A good flow requires freezing temperatures at night and daytime temperatures in the 40s. The farm averages about 800-900 gallons annually.

This year the Grovers purchased a new evaporator and are looking forward to using it.

Neighbors enjoy coming to the farm to pet the cows and to visit the sugar house. "We give them a taste of syrup, and that keeps them happy," Butch said of community relationships.

Butch said that when he was growing up, there were 25-30 farms in the area. Now there are only three.

Neighbors aren't as close as in Lancaster County, but neither are ag-related businesses.

"We've got to go about 50 miles away for tractor parts," Butch said.

He envies farmers in Pennsylvania who have access to open houses and meetings where they can learn more about making farming profitable.

"We don't even have extension services in our area," Butch said.

The Grovers often visit the Pennsylvania Farm Show, Ag Progress Days, and ag businesses in the Lancaster area.

"I think parts and machinery are a bit cheaper in Lancaster County because you got so much nearby," Butch said.

"But other than that we are just like Lancaster County farmers," Butch said. "Once farming is in your blood, you don't want to do anything else."

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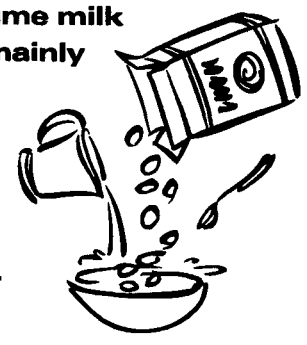

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# Dairy Farmer-Funded Promotion, Research Efforts Work

ROSEMONT, Ill. — Dairy farmer-funded promotion and research efforts continue working to help increase dairy product demand. These efforts saw some notable results in 1998, as evidenced by these top "hits."

1) Projected sales of total milk increased. Sales of milk going into all dairy products are projected to have grown by 2 percent in 1998.

2) Producers and processors formed an integrated fluid milk marketing plan. In 1998, farmer-funded marketing efforts targeted children, while milk processors focused on teens and young adults. This partnership led to full integration of the "got milk?®" and "milk mustache" advertising campaigns. It also has paved the way for a $187 million marketing program in 1999, including advertising, retail and school food service promotion, public relations, publicity, and nutrition education.

3. Producers and processors identified new ways to increase demand through improved packaging, more flavors, and better handling. This partnership has led the way to more single-serve containers found in more and more locations. Farmers and processors are working to grow fluid milk sales in convenience stores, vending machines, and other areas of distribution. Promotion programs also work in school cafeterias to increase chocolate milk sales and show food service workers how to keep milk cold through proper handling and temperature control education efforts.

4) "Behold the power of Cheese"," the largest cheese marketing campaign ever, helped grow cheese demand. The $57 million campaign, launched in February 1998, includes advertising, public relations, retail promotion and food service marketing efforts at the national, state and regional levels.

5) The "Do it with dairy.™ dry milk and whey marketing launch is making headway with food formulators and technologists. Food manufacturers are key to increasing the total value of milk. Dairy research centers across the United States developed dry milk and whey ingredient application labs to help dairy ingredient users with formulation and other technological needs.

6) Dairy products gained key endorsements from leading health organizations. The role of milk and dairy foods in a healthy diet was endorsed by the American Academy of Pediatrics, the American Heart Association and the National Institutes of Health, among others. These endorsements are important in maintaining dairy's role as a nutritious food in the American diet.

7) Dairy-friendly health and nutrition research had widespread publicity in consumer media. Farmer-funded research included a study indicating that low-fat dairy products can help reduce the risk of colon cancer. The results of this research prompted more than one billion "impressions" (the estimated number of time positive dairy messages are seen or heard) in consumer media.

8) U.S. dairy export markets continued growing. Despite ongoing financial crises in Japan and Brazil, projected overall exports grew by 2 percent. Japan's U.S. product imports increased 26 percent over 1997 for ice cream and 12 percent for cheese. Brazil's U.S. ice cream imports increased 12 percent. U.S. Dairy Export Council® (USDEC) "reverse trade missions" brought U.S. dairy product buyers into our country, resulting in projected U.S. dairy product sales increases of $1.3 million in China.

9) Dairy farmers are leading a "Year 2000" effort to study dairy promotion's structure, processes, operations and marketing approaches. This effort will strengthen grassroots involvement of dairy farmers and local boards in directing the unified national program. It will also identify promotion's role in the marketplace and determine the best ways to invest promotion dollars to increase demand.

10) An industry-wide public relations campaign was launched to strengthen the image of dairy in consumers' minds. This campaign is based on the idea that negative consumer attitudes toward the dairy industry or its production practices can affect sales. The campaign will gain further momentum in 1999.

## Cheese, Milk Ads To Air January

The dairy farmer-funded "Behold the power of Cheese.™" advertising campaign will launch two new TV ads beginning January 11. These commercials will air nationwide as part of the ongoing campaign to increase cheese consumption among cheese "cravers" (those who love to eat cheese "as is") and "enhancers" (who love to cook with cheese). These humorous spots are designed to persuade cheese lovers to consume even more cheese.

Also in January, the integrated dairy farmer and processor fluid milk campaign will air a new "got milk?®" commercial written by and for kids. The latest ad written by Matthew Anderson, an Illinois third-grader who is donating a portion of this earnings to help children who cannot afford milk.


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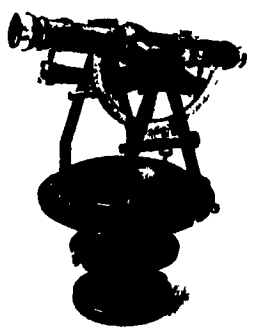


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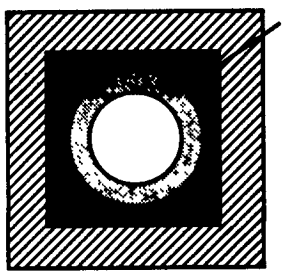


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# Pa. Cooperative Director School Jan. 27 - 30

UNIVERSITY PARK (Centre Co.) — The 15th Pennsylvania Cooperative Director Institute will be conducted here at the Nittany Lion Inn, Jan. 27 - 29.

While the '99 Institute is targeted to new directors, many incumbent directors will find great value in the program.

Topics include director "basics," cooperative finance, legal issues for cooperative directors, and developing board practices which lead to efficient and effective use of board time.

Current directors, those who have a desire to become directors, and those interested in learning more about the governance and decision making process behind successful cooperatives are encouraged to attend.

Educators and public officials who work with cooperative stakeholders may also find the school useful to improve their knowledge of cooperatives.

Larry Doyle, executive vice president of Ag First Farm Credit Bank, will keynote the conference. Larry will share his philosophy for cooperative excellence and outline key issues facing cooperatives and their boards in the coming years.

Jerry Ely, cooperative development consultant with USDA Rural Business Service, will review roles and responsibilities of cooperative directors and changes implied by the dynamic business environment. Doyle and Ely, along with a cadre of experienced directors and managers, will facilitate a workshop addressing key issues for the coming years, suggesting solutions and board strategies.

Day two of the '99 school is devoted to business, finance, and strategic issues. Terry Barr, chief economist and vice president, agriculture trade and policy for the National Council of Farmer Cooperatives, will provide a view of current economic environment and emerging trends. Porter Little, senior portfolio manager for CoBank, Denver, Colo. will return to conduct a workshop on business, finance, capitalization, and equity issues.

Dr. Bruce Anderson, Cornell professor of agribusiness management, will keynote the Thursday afternoon session by addressing the question of what cooperative boards have to do to survive in the new millennium. A panel of experts including Dennis Mullen, CEO of Agri-Link Foods; John Johnson, CEO of Cenex-Harvest States; and Chuck Cruickshank, procurement manager, Land O' Lakes eastern operations, will highlight the Thursday afternoon program. They will share their "Co-op Story" and address the question of what boards and directors must do to be successful.

Other issues facing cooperative leaders and their organizations, including director liability, board evaluation, and the all-important topic of communication, will be addressed in session topics and informal discussions among participating directors and managers.

The institute faculty includes university personnel, cooperative staff, and business leaders. Thirty minute breaks have been continued this year to provide plenty of opportunity for directors, managers, and presenters to share ideas, concerns, and challenges. Some participants argue that this is where the real education goes on. Regardless of the method, Pennsylvania Director Institutes consistently earn high marks from participants. Other speakers include Chris Fox, legal counsel, Agway, and Brian Henehan, senior extension associate from Cornell and executive secretary of the Northeast Cooperative Council; Tom Croner, director of the Dairy Farmers of America; Pro-Fac; and others.

Daryl Heasley, leadership consultant, will conduct a self-assessment and leadership workshop Wednesday morning prior to the opening lunch.

The Pennsylvania Cooperative Director School is supported by the Pennsylvania Department of Agriculture. Planning is done in consultation with an 11-person committee of cooperative leaders. This is the 15th director school in a series which began in 1983. The Pennsylvania Director Institute has graduated about 400 directors and 70 plus management leaders in the past 14 Institutes.

For more information about the Institute, contact Dick Poorbaugh at (814) 863-0644 or e-mail RWP2@psu.edu. The address is Cooperative Business Education and Research Program, Penn State University, 206 Armsby Building, University Park, PA 16802.

# Videoconference Set On Better Pastures

COLLEGE PARK, Md. – Whether you raise horses, beef cattle, sheep or dairy cows – pasture improvement can be a long-run hedge against high feed costs. Likewise, establishing new pastures takes careful planning to assure maximum returns from your investment in money and labor.

To help meet a statewide need for better pastures, Maryland cooperative extension agricultural educators have teamed up with the Advanced Technology Center for Agriculture and Business Development at Carroll Community College in Westminster to offer a four-session live classroom series of evening classes during January through the Maryland Interactive Distance Learning Network.

The two-way Videoconference system will enable University of Maryland professionals to provide simultaneous instruction at four locations on soil fertility, seeding rates, weed control, poisonous plants, shade and shelter, rotational grazing, animal nutrition, animal/plant interactions, fencing and equipment and environmental considerations.

Advance registration for the course is required by Jan. 6. To register call (410) 386-8097 after Jan. 3. There is a $50 charge. Checks are payable to Carroll Community College, or provide your credit card information.

Classes will be conducted from 7 p.m. to 9:30 p.m. on the following dates:

- Monday, Jan. 11
- Wednesday, Jan. 13
- Wednesday, Jan. 20
- Monday, Jan. 25.

Class locations are at Carroll Community College in Westminster, Charles Community College at La Plata, Garrett Community College at McHenry, and Montgomery College at Rockville.

# Computer Classes

MCCONNELSBURG (Fulton Co.) – Penn State Cooperative Extension will be offering two computer-based classes for agricultural producers in the coming months.

On Jan. 7, Penn State Cooperative Extension Farm Management agent Andrew Martin will be conducting a seminar on computer basics for farmers from 9:30 a.m. to 3 p.m. at the Fulton County Extension Office.

This introductory session is designed to familiarize farmers with computers and their operation. There is a $15 registration fee for this program to cover the cost of the computer lab, lunch, and instructional materials.

On Feb. 2-3, Penn State Cooperative Extension specialist Larry Jenkins and Farm Management Agent Andrew Martin will be holding a computerized farm record-keeping workshop from 9:30 a.m. to 3 p.m. at the Fulton County Extension Office in McConnellsburg. This workshop will afford farmers the opportunity to utilize Quicken and to receive instruction in setting-up and customizing this financial record-keeping program for their own farm business. There is a $15 registration fee for this program and seating is limited.

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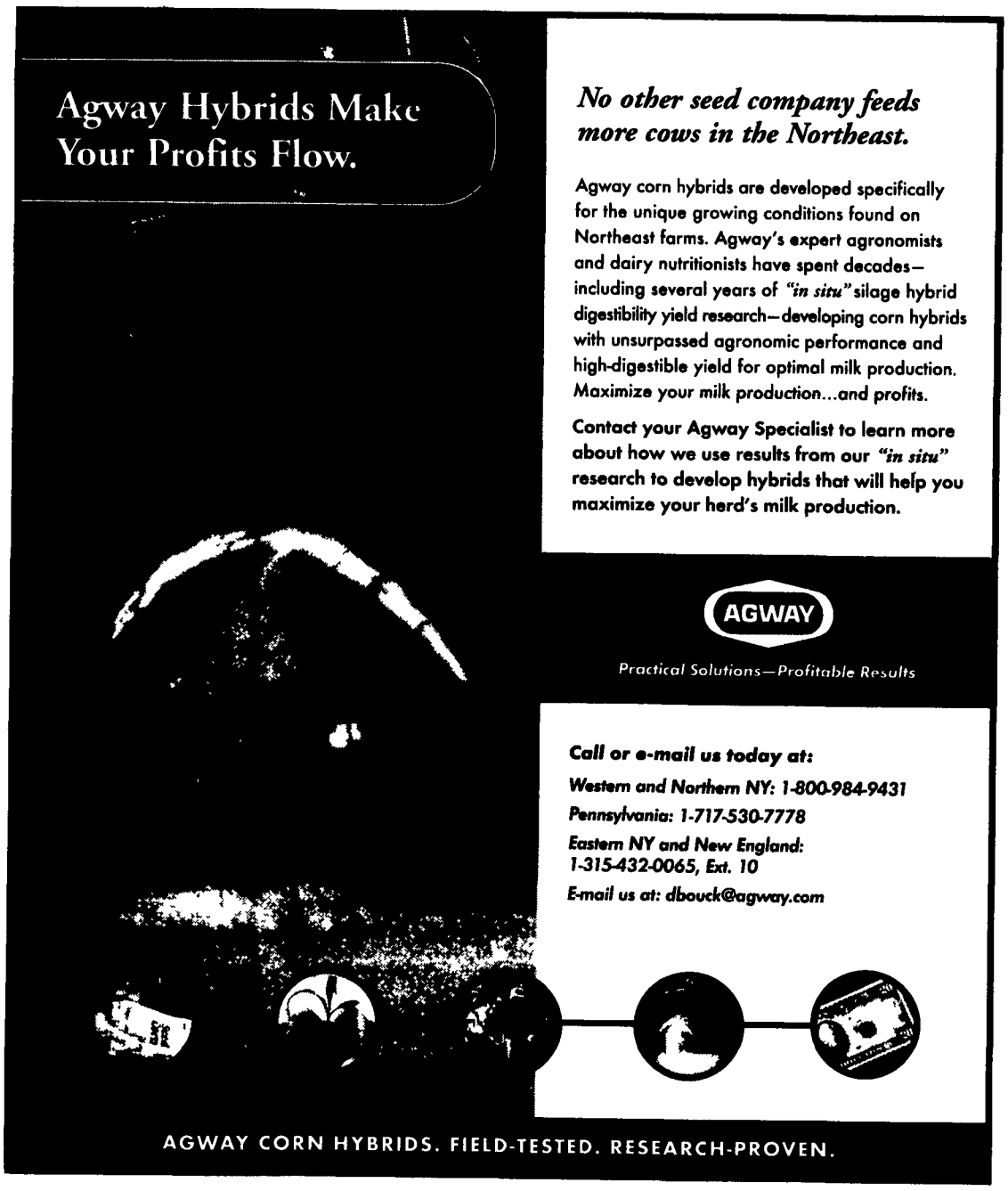
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# University of Pennsylvania To Do Horse Research

PHILADELPHIA (Bucks Co.) — Researchers at the University of Pennsylvania School of Veterinary Medicine received funding from the Pennsylvania Department of Agriculture for a three-year study to identify the causes of abortion and pregnancy wastage in horses in Pennsylvania.

Dr. Patricia Sertich, assistant professor of reproduction at the school, is the chief investigator. Early in 1999, horse breeders in the state will be sent a survey to determine the preventative management of broodmares and to solicit their participation in this project. Veterinarians who provide reproductive care for these breeding farms will be solicited to participate in the project and receive information and materials to properly submit diagnostic specimens for determination of the cause of pregnancy loss and in any aborting mares. Owners who are willing to complete a management survey and provide properly submitted specimens will receive a complete necropsy of any aborted fetuses. The Pennsylvania Department of Agriculture grant will underwrite the cost of necropsy and diagnostic tests.

Horse breeding is a viable industry in Pennsylvania. A large amount of money, time, and effort is invested in preparing mares for breeding, getting them bred, and maintaining them throughout pregnancy and delivery. In the mare, twin pregnancy is the most common documented cause of abortion. The introduction of ultrasonography in the 1980s to examine early pregnancy in mares has permitted the development of methods to manage twins early in gestation before abortion or neonatal loss occurs. Little has changed over the last 15 years with regard to management recommendations of the late pregnant broodmare. Insufficient information is available about the control of other causes of abortion in horses.

Interested veterinarians and horse breeders in Pennsylvania are encouraged to contact Dr. Patricia Sertich at New Bolton Center, School of Veterinary Medicine, University of Pennsylvania, 382 West Street Road, Kennett Square, PA 19348-1692, Tel.: 610-444-5800.


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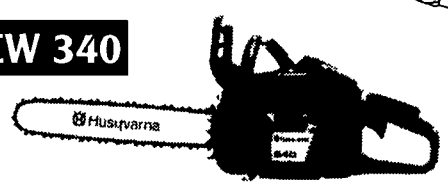

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# Dairy Producers, Industry Leaders Sought For World Dairy Expo's Annual Awards

MADISON, Wis. — Outstanding leaders from across the international dairy industry are being sought for World Dairy Expo's annual recognition awards.

"We're encouraging people to nominate someone who has demonstrated exceptional leadership," said general manager, Tom McKittrick. "Recognizing these individuals during World Dairy Expo showcases the leadership present in the dairy industry and adds to the excitement of Expo."

Nominations will be accepted through Feb. 1, 1999 and will be accepted in the four following categories: Industry Person of the Year; Dairy Woman of the Year; Dairyman of the Year; and International Person of the Year.

The Industry Person of the Year award is presented to an individual in recognition for excellence in research, development, education, marketing or other fields which are part of the dairy industry.

The Dairyman and Dairy Woman of the Year awards are presented to individuals who are active dairy producers and whose primary source of income is derived from their dairy operation. His/her farming operation needs to demonstrate and excel in efficient production and breeding of quality animals. Progressive management practices, along with involvement in community, government activities, breed organizations and other aspects of the dairy industry, will also be considered.

The International Person of the Year will be recognized for significantly contributing to international relations, business development, trade or cooperation in the dairy industry.

Individuals will be honored at the Dinner With the Stars during World Dairy Expo, Sept. 29 - Oct. 3, 1999, in Madison, Wisconsin, USA.

Nominations are due Feb. 1, 1999. Official applications are available through the World Dairy Expo office by calling 608-224-6455.

World Dairy Expo is an international dairy cattle and trade show that draws more than 70,000 visitors annually. Members of the dairy industry, from more than 65 countries, gathered in 1998 for a 1,400 booth trade show, national dairy cattle shows and sales, youth judging contests, farm tours and educational programs.

## Gekas To Speak

HARRISBURG (Dauphin Co.) — The Honorable George W. Gekas (R-17th District), a member of the House Judiciary Committee, is the keynote speaker at the 20th annual meeting of the Pennsylvania Ag Republicans. The meeting will be at 3 p.m., Jan. 11 in Room B of the Farm Show Building, Harrisburg, in conjunction with the Pennsylvania Farm Show.

Rep. Gekas has served in the U.S. House of Representatives since 1983. Prior to that he served in the Pennsylvania Senate. He began his political career in the Pennsylvania House of Representatives in 1967.

Rep. Gekas graduated from Dickinson College and served two years in the U.S. Army. When he returned home he attended and graduated from Dickinson School of Law and became a Dauphin County assistant district attorney.

Pennsylvania Ag Republicans is an organization affiliated with the Pennsylvania Republican State Committee to encourage Republicans involved in agriculture to be active in the political process of the state. For additional information contact: Beverly Gruber, chairman, at (610) 767-5026.

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# Special Pages, Advertising/News Deadlines For Farm Show Issue

(Continued from Page A1)

everyone else who goes to the show, plan ahead to be ready for opening day. For us this means some of the advertising and news deadlines need to be early so we can have the Farm Show issue ready for you on time. Our deadline schedule for the week of the Jan. 8 issue is as follows:

***January 8rd Issue***

**Public Sale Ads — 4 p.m., Friday 12/31**
**Mailbox Markets — 4 p.m., Friday 12/31**
**Selection D Classified Ads — 5 p.m., Tuesday, 1/5**
**Farm Equipment Ads — 9 a.m., Wednesday, 1/6**
**All Other Display Ads — 9 a.m, Monday, 1/4**
**General News — Noon, Wednesday, 1/6**

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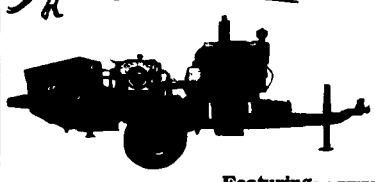

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# Pennsylvania 4-H Shooting Sports Committee To Conduct Instruction Certification Course

The Pennsylvania 4-H Shooting Sports Committee will conduct a training program\ and instructor certification course for adults interested in working with youths April 23-25 at Camp Mount Luther near Mifflinburg, Union County

The workshop will be funded in part by grants from the "The NRA Foundation" the Federal Cartridge Company Programming will involve specialized training and certification for instructors in the NRA / 4-H rifle, pistol, and shotgun shooting sports programs. Archery participants will receive National Archery Association Level 1 certification Program participants will be certified to organize project clubs and conduct instruction in these program areas

One hundred and twelve 4-H volunteer leaders from 37 counties participated in the Pennsylvania 4-H Shooting Sports workshop held in April 1997 in Butler county

Several related projects and activities will also be introduced during this years training including "Woodworking for Wildlife", "Wildlife Through The Seasons", "Endangered Species" and the Penn State 4-H Habitat Evaluation contest.

The 4-H Shooting Sports program has grown rapidly in Pennsylvania with over 2,700 youths ages 8 to 18 completing projects in this program area in 1998

4-H members receive training in marksmanship, firearm safety and handling. They also have the opportunity to compete in county, regional and statewide contests.

Air pistol, Air Rifle, Archery and .22 rifle contests are held for teens at 4-H State Achievement Days at Penn State University in July. The 1999 event will feature the first Pennsylvania 4-H shotgun contest

The objectives of the program are

1 Develop leadership abilities, build character and assume citizenship responsibilities.

2 Develop responsible sportsmanship, ethical behavior and respect for safe conduct of shooting sports acitvities.

3 Gain awareness and appreciation of the broad spectrum of shooting sports and related activities as life-long leisure opportunities

4 Develop shooting knowledge and skills.

5 Become aware of related career opportunities.

6. Gain in-depth experiences in individual specialized areas of interest

7. Gain enjoyable, positive relationships with adults and peers.

The Shooting Sports program has been well supported nationally by The National Rifle Association, shooting sports industries and volunteers.

Cost: $75.00 per 4-H leader / Teen leader This includes 2 nights lodging, 2 breakfasts, 2 lunches, 1 dinner and snacks, training materials.

Deadline is March 12,1999. We can accept some after that date, but instructor packages have to be ordered at least 6 weeks in advance

Instruction for the workshop was conducted by a certified team of Pennsylvania State University staff and 4-H volunteers.

For more information about the the Pennsylvania 4-H Shooting Sports program and this training contact your local Penn State Cooperative Extension office or Earle Robbins, Pennsylvania 4-H Shooting Sports Coordinator, Tioga County Cooperative Extension , 118 Main Street Wellsboro, PA 16901 Telephone. 717-5709120

Penn State is an affirmative action, equal opportunity university. This educational program is available to all interested individuals regardless of race, color, sex, national origin, age or disability.

# Lancaster DHIA Expands Service

MANHEIM (Lancaster Co.) - Lancaster DHIA recently expanded Field Service to the Brush Valley area in centre County. Jere High, Field Support Representative, reported excellent reception from Dairymen looking for Basic Record Information, as well as, supervised Technician service.

Daniel Herr, Aaronsburg, was recently added to the technician staff to service Centre and Union Counties. Daniel has experience in dairying which makes him a great asset in servicing Dairymen. His goal is to help Dairymen take the data they receive and arrange it in a simple, orderly manner to use in making management decisions. For information about service from Lancaster DHIA, call (717) 665-5960.

**DON'T LOOK ANY FURTHER!**

YOU'LL FIND IT IN LANCASTER FARMING'S CLASSIFIEDS

## Public Auction Register

**Closing Date Monday 5:00 P.M.**
**of each week's publication**
**Internet Sale Register will be updated**
**every Sat. at 2:23 P.M.**

MON JAN 25-5PM Winross, and Ertyl Truck Collection for Richard L Miller Estate at the Brickerville Fire Co Hall Witman Auct

MON JAN 4-2PM, Public Auction, Murry Auction Emporium, 23 N Water ST, Lititz,

THURES JAN 14-10AM, Computers, Printers, Software, Location 4115 N 6th St Harrisburg, PA, Terms By International Computer Surplus, Ken Fleck Auct

THUR JAN 14-9AM, Sale By Mr & Mrs Paul R Diller, Paul W Cramer, Antiques, Household Goods Located at Al Starr Firemen's Building, Village of Willow Street , Lancater Co , PA, Howard Shaub Auct

MON JAN 18-9AM, Estate of Horace Burgard, Burgard Bros , Industrial Sales, Corner of Philadelphia & W Street, York, PA, Rentzel's Auction

SAT JAN 23-1PM, Located at Bakers Summit, Bedford Co , PA along RT 867, Albert Fulmar Prop , Real Estate, Stanley Claycomb& Associates Auct

SAT JAN 23-8AM, The Gathering Place, 6 Pine St , Mount Joy, PA, Antique Auction, Witman Auctioneers

SAT JAN 30-9AM, Dick's Tractors, Consignment Sale, 4 Miles from Hughesville Exit off 1-180, Rt 442 1 mile E. of Clarkstown pA

MON FEB 8-5PM , Winross and Ertyl Truck Collection for Richard L, Miller Estate at the Brickerville Fire Co Hall, Witman Auct

SAT FEB 20-9AM, Honey Brook Fire Co , Annual Consignment Auction Consignments Wanted

SAT APRIL 3-8AM Trucks, Trailers & Construction Equip located at 100 W Jackson St , New Holland, PA, Witman Auct

SAT APR 3-9AM Sharp Rt 652, Honesdale, PA Inventory Reduction Auction, New & Used farm, Industrial & Lawn & Garden Equip Marshall Machinery, Inc 570 729-7117

**REAL ESTATE AUCTION**

**SAT., JAN. 23, 1999**

**1:00 P.M.**

**Located at Baker's Summit, Bedford Co., PA. Along Route 867 at the Albert Fulmar Property.**

Valuable real estate consisting of a total of approximately 186 acres of land consisting of four parcels with modern dairy set up. Land offered in four separate tracts, also offered as a combined unit.

Watch newspapers for more complete details. For more information, phone 814-224-4556.

**Stanley Claycomb and Associates, Auctioneers**

**814-276-3272**

*Public Sale*

**Sat., January 9th, 1999 8:30 am Sharp**

*Susquehanna Auction Gallery*

**87 Mill Street, Fawn Grove, Pa. 17321**

**717-382-1350 or 717-382-1145**

**Antique Furniture, Collector Items -Household Goods - Guns**

**Furniture**

Mission Rocking Chair,
Pie safe, very nice
Walnut extension table w/6 chairs,
Mahogany lamp table,
Hall table, half round,
Old oak wall mirror,
Oak chifforobe, dresser bed full size,
Oak chair
Oak stands, Pine farm table
Old oak dresser w/mirror,
4 pc depression bedroom set, with dresser, chest of drawers, vanity w/mirror, full bed,
Duncan Phyfe chair
Cottage dresser, 4 drawer,
Old Hat Show Case from George Trout's Store,
2 over 3 over 1 Old Pine Dresser
Mahogany drop leaf table small
McPhail Upright Piano from Boston
Cane seat & black rocker,
Plank bottom chair,
Bedroom rocker
Wash stand
Baby cribs,
large Blanket chest, hand dovetailed,
3 drawer chest of drawers
Oak Library table, quarter cut,
Double school desk,
School desk, from Stewartstown H S
**3 pc. walnut bedroom set;**
Upholstered bench,
Chestnut buffet,
Old sewing machine,
Fainting Couch,
Empire Rocking chair, love set,
Swivel chair Stewartstown MFG Co ,
4-pc waterfall bedroom set,
Mahogany night stand,
2 pc living room set

**Collectibles:**

Advertising thermometers
Old John Deere & McCormick Manuals
Very old post cards, Including Clark Gables home, Betty Davis home, Mickey Rooney home, Earl Flynn home and many others,
Basket collection,
Old Straight razors,
Old AM FM Zenith Radio,
Old Tricycle, with wire wheels,
Old Monopoly game,
Tootsie Toys,
Matchbox toys,
Slaw cutters, Old apple peeler,
Scoop Ice Cream Left Handed
Plates, Plates, and more Plates,
**OLD ROCKING HORSE;**
**1856 AMBER MASON JAR;**
Mason Ball Jars,
Advertising Mugs,
Old 8mm m Cinema movie camera, projector

**Miscellaneous:**

**SEEBURG JUKE BOX TYPE HFMAI-LC,**
Whiskey Jugs, Old lanterns
Muskrat traps,
Bed lamps,
Sewing basket,
Clock, battery operated,
Rod iron plant stands,
**W.M. Railroad lantern;**
Milk cans, Sad irons, Draw knives, Metal bread box,
Ice tongs, Old lamps, Copper apple butter Kettle & stand,
Farm Mater Incubator,
Old record player,
Block planes,
Model White House & president Set,
Enamel ware pots,
Electric stove,
Refrigerator, Freezer, Gibson Washer & Dryer,
Griswald & Wagnerware

**Glassware:**

Northwood carnival glass, chip
Occupied Japan pieces, Noritake pieces,
Collector Plates, 1 from every state,
Tea Kettle from Japan, KT & T China Tea Pot,
Nippon pieces, Hull Pieces,
Carnival glass punch bowl, other carnival pieces,
Japan pitchers,
Candlewick, Milk Glass Candle Holders,
Pink depression, service for 4,
Alfred Meakin Plates,
Large salt & pepper collection Hobnail glass,
McCoy pots, Milk glass lamps,
12 gallon crock, James Keiller & Sons crock & others,
Blue Flowered Crock w/pour spout,
Redware Salt Crock,
2 glass Flamingos, Flower pots,
Avon Bottle, large collection

**Automobile:**

**1984 Buick Skylark a/c, auto.**

**Coins:**

Gold coins, 2-1909-2 1/2 dollar, 1853- 2 1/2 dollar, 1905s-5 dollar, 1893-10 dollar, 1989s-20 dollar, 1851-1 dollar, Mexico 2 peso gold piece, 1921 dime, 1932s quarter, Silver dollars- 1878cc, 1882cc, 1890cc, Other Misc Coins

**Other Miscellaneous:**

Old buckboard seat, Clocks, Butcher Bench, Old wooden ladder, Doilies, Dresser Scarps, Old kerosene cans, old stone grinder, Duo-Therm Kerosene Polar Stove, Old large anvil

**Old Guns:**

2 Old Muskets

**From Fawn Grove Square, go East on Main Street, Rt. #851, to the Auction on right, approximately 1/2 mile.**

**AUCTIONEERS:**
**Susquehanna Auction Team**
**Martin Heaps**
**Ron Manns**
**AU#00222762L**

**SELLERS: Estate of J. Water Smith**
**Fawn Grove, PA.**
**SELLERS: Harold Gehb, Personal Property**
**Stewartstown, PA**

**ABSOLUTE**

**AUCTION**

**Thursday,**
**January 14, 1999**
**10:00 AM**

**COMPUTER EQUIPMENT**

20,000 SQ. FT. of inventory consisting of thousands of pieces of computer related items. Computers, printers, monitors, drives, software, modems and misc. computer peripherals. Brand names including **IBM, NCR, HP, DATAPRODUCTS, OKIDATA, EPSON AND MANY MORE.** Shelving, office partitions, pallet jacks, desks, and lots more. Everything will be sold as-is, much of it in large lots. Buyer must remove everything purchased.

**10% Buyer's Premium Will Be Added.**

TERMS: Cash, Visa, M/C, or Certified Funds.

INSPECTION: WED., JAN. 13, 11:00 AM to 5:00 PM and THURS., JAN. 14, 8:30 AM

**SOLD FOR: INTERNATIONAL COMPUTER SURPLUS**

**LOCATION: 4115 N. 6th St., Harrisburg, PA**

**INFO:** (717) 233-6650

**AUCTIONEER: KEN FLECK AU-002676-L**

# AccuWeather® 7-Day Forecast for Lancaster and Surrounding Areas

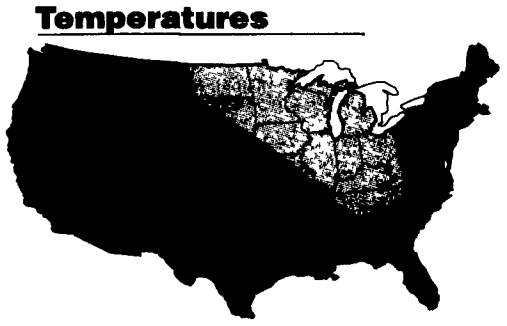
www.accuweather.com

| Saturday | Sunday | Monday | Tuesday | Wednesday | Thursday | Friday |
|---|---|---|---|---|---|---|
| Mostly sunny. | Increasing clouds with showers possible late. | Mostly cloudy with rain possible. | Mostly cloudy and colder with flurries possible. | Partly to mostly sunny. | Increasing clouds, chance for snow or flurries late | Clouds and some sun |
| High 32, Low 19 | High 41, Low 25 | High 36, Low 16 | High 29, Low 13 | High 30, Low 15 | High 38, Low 20 | High 41, Low 28 |
| UV. 1 | UV: 1 | UV: 1 | UV: 1 | UV. 1 | UV· 1 | UV 1 |

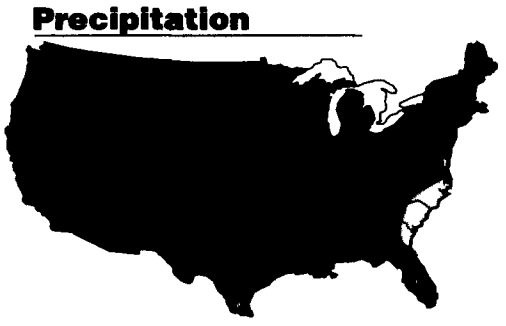
The local 7-Day Forecast is for Lancaster County The ultraviolet index is a guide to exposure to the sun The higher the UV Index number, the greater the need for eye and skin protection 0-2, minimal, 3-4, low, 5-6, moderate, 7-9, high, 10 or above, very high

## The Week Ahead

### Temperatures



### Precipitation



Above Normal

Near Normal

Below Normal

## Almanac

For the week ending Tuesday, Dec. 29

**Temperature**

Low . . . . . 13

Normal low for week ahead 30

**Precipitation**

Month to date . . . . . 0 54"

Year to date . . . . . 40 07"

Normal year to date . . . . . 41 22"

**Growing Degree Days**

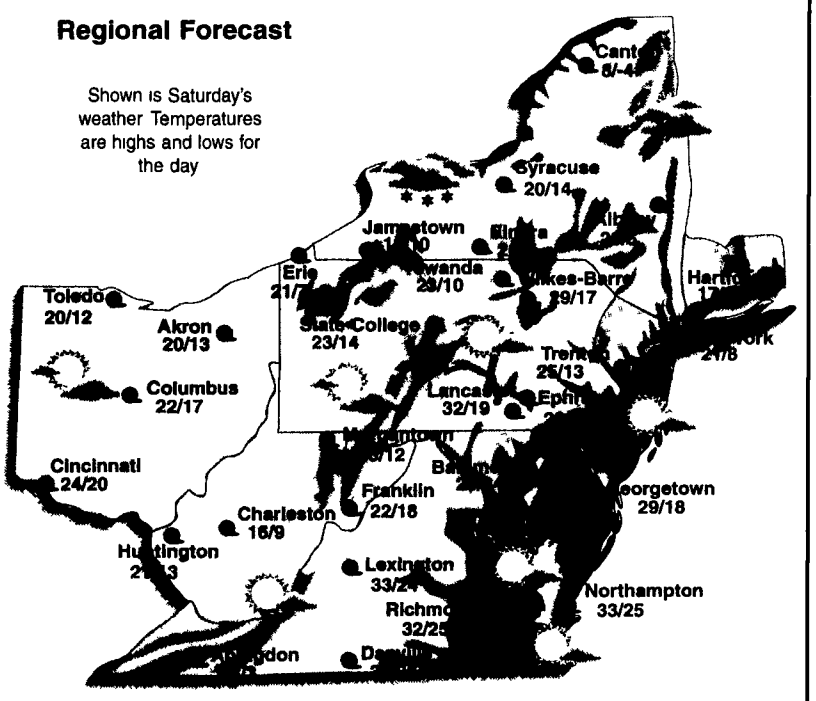
Season to date .. . 3368

## Farming Forecast

Plenty of sunshine today before another significant warm-up early this coming week Showers possible late Monday and rain on Tuesday could bring even more much-needed precipitation to the region Things are expected to cool back down again for the second half of the week with a chance for flurries late Thursday and Friday

## Regional Forecast

Shown is Saturday's weather Temperatures are highs and lows for the day

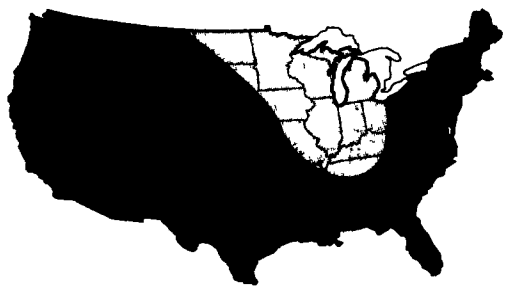



## Last Week's Precipitation

Lancaster

| | |
|---|---|
| December 23 | 0.00" |
| December 24 | 0.00" |
| December 25 | 0.00" |
| December 26 | 0.00" |
| December 27 | 0.00" |
| December 28 | 0.01" |
| December 29 | 0.14" |

## 30-Day Temperature Outlook

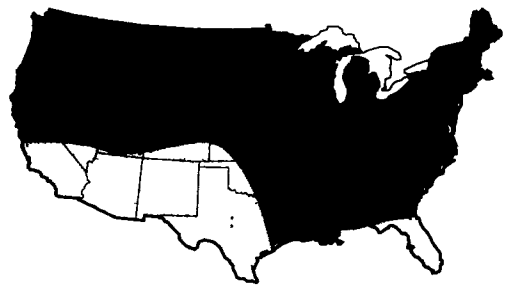


Above Normal

Near Normal

Below Normal

## 30-Day Precipitation Outlook



Above Normal

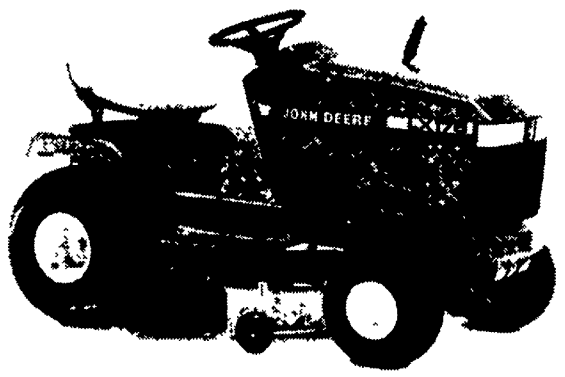
Near Normal

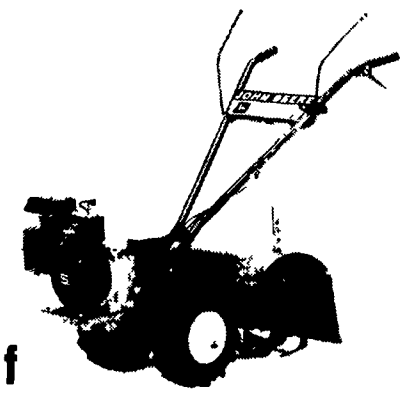
Below Normal

All maps, forecasts and data provided by AccuWeather, Inc. ©1998


# Less is mower.

**LX176 Lawn Tractor**
*with 38-inch cutting width, 14-hp engine, and two-pedal hydrostatic transmission.*
**$600* off**

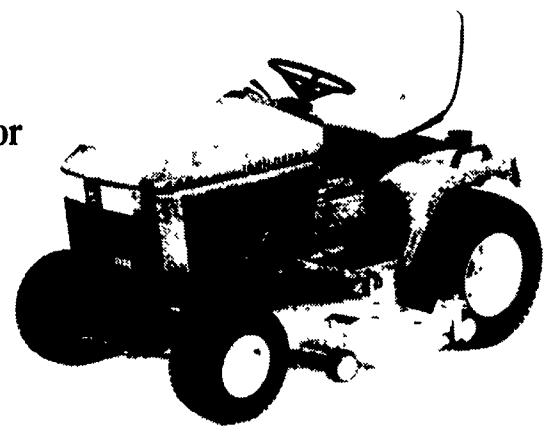




**$300* off**
**518R Walk-Behind Tiller**
*with 5-hp engine and 18-inch tilling width.*

**$100* off**
**JA60 Walk-Behind Mower**
*with 6-hp engine, 21-inch cast-aluminum deck, and 3-in-1 capability.*

**445 Lawn & Garden Tractor**
*with 22-hp John Deere V-Twin engine, power steering, and tight 26-inch turning radius.*
**$600* off**



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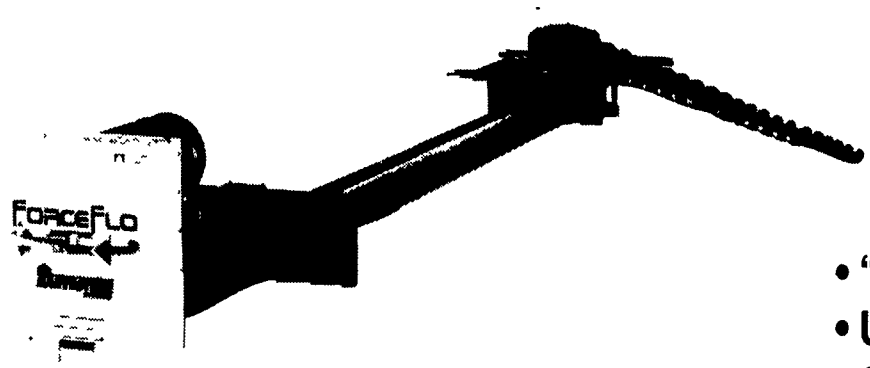


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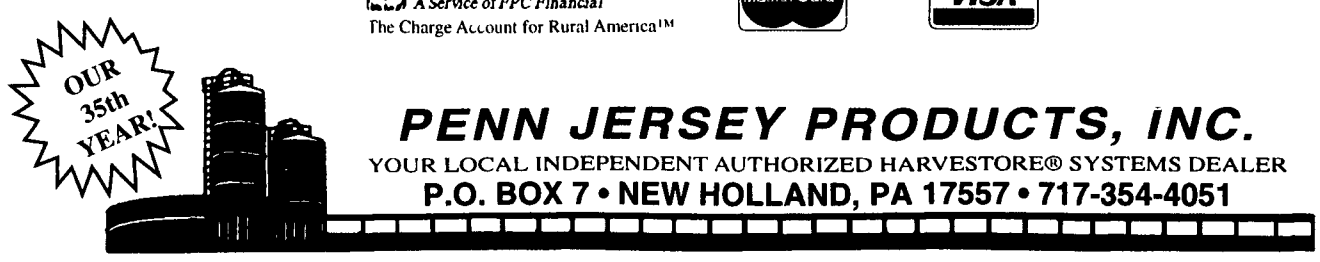


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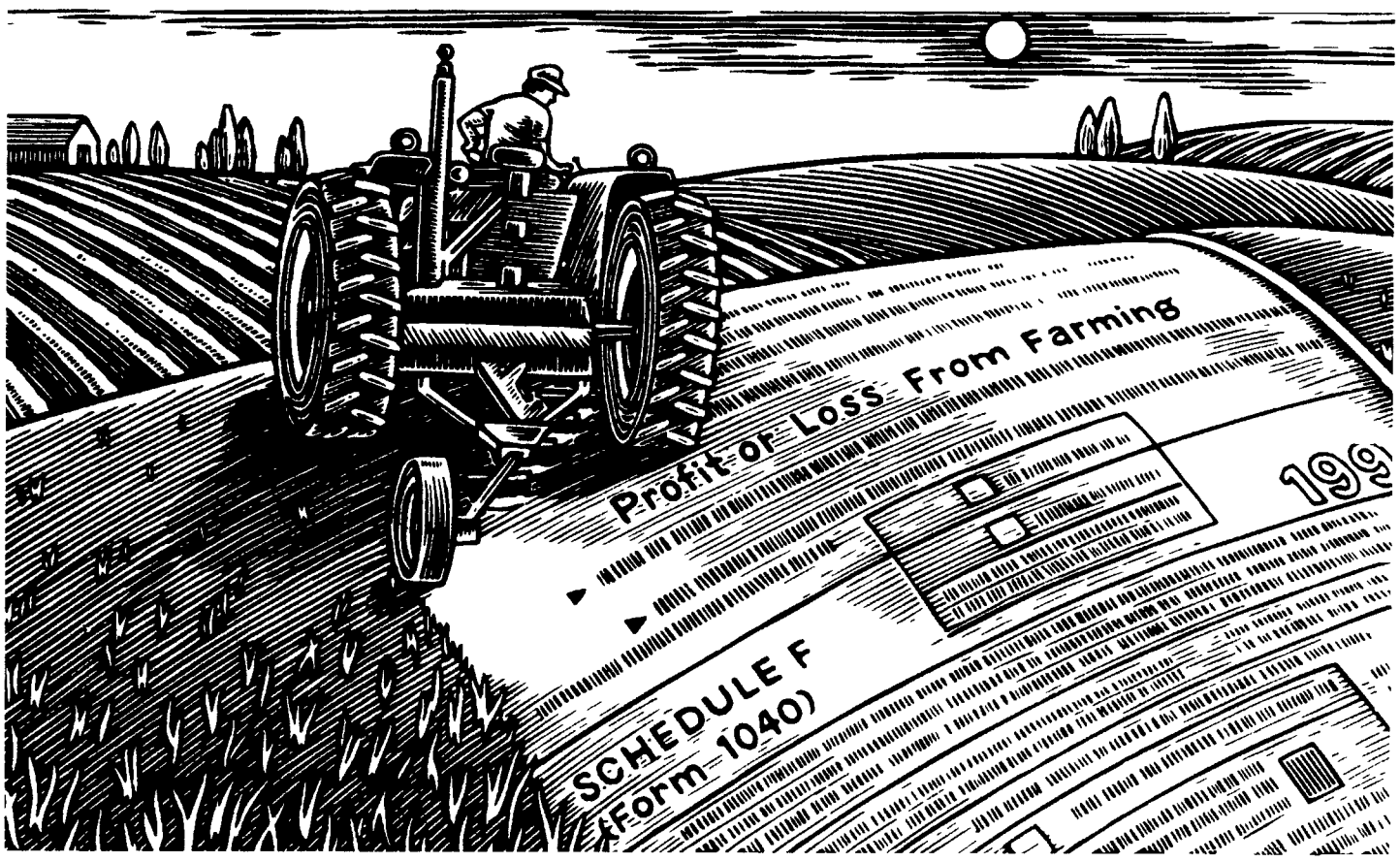


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# Pennsylvania's Role In The Global Dairy Industry

**Editor's Note: At the Dairy Futures Conference held in State College in December, officials from all segments of the dairy industry gathered to discuss the challenges to producers, processors, and marketers of milk and dairy products. One of the keynote speakers was Dr. Ken Bailey, from the University of Missouri. Here is the text of his presentation.**

By Dr Ken Bailey
Commercial Agriculture Program
University of Missouri

*Paper Presented at the 1998 Pennsylvania Dairy Futures Conference*
*December 17-18, State College, Pennsylvania*

The outlook for the Pennsylvania dairy industry is both exciting and challenging Pennsylvania has some of the leading counties in the U S in terms of milk production, has a tradition in dairy farming going back to the colonial days, and has a strong infrastructure Pennsylvania has a comparative advantage in milk production That's economics jargon for saying the state has a long-term advantage in milk production over her neighbors

Clearly the objective of the dairy industry in Pennsylvania is to 1) maintain a family structure in dairy production, 2) maintain a strong rural infrastructure for milk production, transportation and processing, and 3) develop strong markets for dairy products These are the fundamentals that have kept Pennsylvania a leader in the U S dairy industry for many years

Pennsylvania dairy farmers need to reassess their position in the future U S dairy industry This industry is changing rapidly In many ways it is no different that the automotive, computer, or banking industries The U.S marketplace changes rapidly and successful players need to understand these changes and profit from them. In the dairy industry, these changes are well within the grasp of small dairy farm families in Pennsylvania

There are tremendous opportunities for those dairy farmers that realize change is needed and want to be successful in the new marketplace of the future Thus my message today is:

1 The free market is working; no need to fear the future
2 Let's focus on the real problems in our industry
3 The outlook for milk and dairy products looks promising, and
4 Pennsylvania dairy farmers have a comparative advantage in milk production

### *Current Situation*

The outlook for the dairy industry looks very promising at the moment.[1] Milk prices are at record highs, and grain prices are very reasonable due to a global glut and reduced demand in Asia The result is very high margins (difference between milk prices and feed costs) for dairy farmers.

The reason for these high milk prices is supply and demand The supply of milk has been tight this year due to lower production levels in the West (primarily California) due to heavy spring rains and summer heat. Demand for cheese and butter has been very strong, creating a strong demand for raw milk, especially the fat content of milk Thus strong markets and limited supplies have resulted in record high prices for milk

(Turn to Page 3)

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6' x7" - 6 1/2' - 8' - 10' - 16' - 20' - 25'
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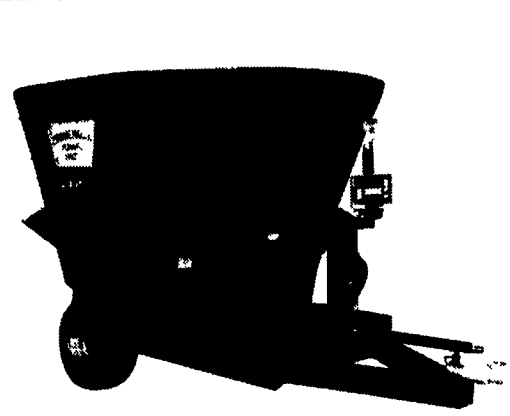
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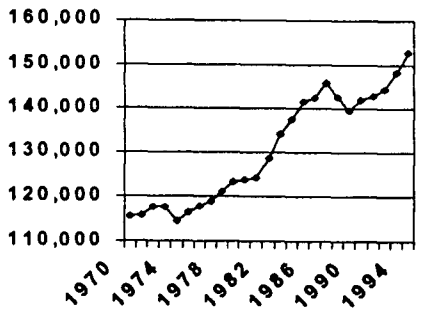
# Pennsylvania's Role In The Global Dairy Industry

(Continued from Page 2)

It is possible that strong demand will continue to underpin the price of milk during the last quarter of this year and first quarter of next year The U S economy has responded robustly to lower interest rates despite poor economic performance in many Asian countries and Russia The U S economy may grow 3 percent in the last quarter of 1998, resulting in strong Christmas sales That will translate into solid demand for many dairy products as consumers eat out and entertain at home more often Dairy farmers are finally reaping the benefits of a strong national economy

The point is many dairy producers lose site of the fact that demand for milk continues to expand each year (see Figure) More and more consumers eat more cheese every year And our population expands are the rate of just under one percent per year Thus the dairy industry represents a growing industry

Demand for Milk




The current expansion in milk prices, however, is not expected to last forever. Dairy farmers will likely expand milk production, especially next spring This factor plus weather conditions and consumer demand will determine how far farm milk prices will fall by May 1999 They will also determine how fast milk prices will rebound thereafter

### *Structural Problems with Many Family Farmers*

Despite the growing demand for milk and dairy products and opportunities in the dairy industry, family dairy farms will continue to leave the industry This is an unfortunate trend in agriculture that has been in existence since the 1950s Each farm continues to produce more milk, hence increasing farm-to-farm competition. This competition appears to be intensifying each year This, however, is a fact of life in a market economy

My own personal experience with on farm planning is that many dairy farmers have not adjusted their farm investments and cost structure to the realities of milk production in the 1990s Investments per cow are still too high on many farms Many families are operating diversified operations that yield low or in some cases negative returns on some enterprises And most dairy producers today, even large-scale dairy operators, do not understand how to accurately measure cost of production

What is unfortunate about this situation is that many of these family farmers are potentially offering themselves up as the next farms to be sacrificed in the marketplace of tomorrow Whenever milk prices get too low, the marketplace cruelly searches for farmers that have poor financial health and performance

The good news however is that there are many dairy farm families milking under 100 cows that are taking the necessary steps to improve their profitability and ensure their future position in the dairy industry These family farmers are questioning expensive investments in machinery and equipment (i e harvesting equipment and fancy parlor equipment), limiting costly enterprises (i e row cropping), and focusing on where they make money the dairy enterprise!

I am convinced that dairy farmers can benefit tremendously from basic business training And many want to We developed a web site for those farmers with computers to download free software We have developed a manual (available in January) to instruct dairy farmers how to use QuickBooks[2], and a computer file that can automatically set up QuickBooks for a dairy farm Also on my web site is a Microsoft Excel spreadsheet you can use with your computer to calculate your cost of producing 100 pounds of milk The address for this web site is

http //www ext missouri edu/agebb/commag/dairy/tools htm

### *Current and Future Trends*

The following represent current trends that are shaping the future of our industry

#### Shifting Milk Production

Milk production continues to shift from traditional milk producing states in the Midwest to non-traditional states like Idaho, New Mexico and Arizona These states are expanding into large 2,000-3,000 cow dairy factories that keep investments per cow at just over $3,000 per cow (land, cow, facilities, machinery and equipment), focus on the dairy enterprise, and keep operating expenses per cwt of milk shipped at very competitive levels. New operations of this type are also moving closer to the Midwest into places like western Kansas and Nebraska Large-scale dairy operations are already prevalent in Michigan and will be moving into places like Illinois, Iowa and Ohio soon

[2] QuickBooks is a computerized financial accounting package designed by Intuit, the makers of Quicken QuickBooks was designed for small businesses

(Turn to Page 4)

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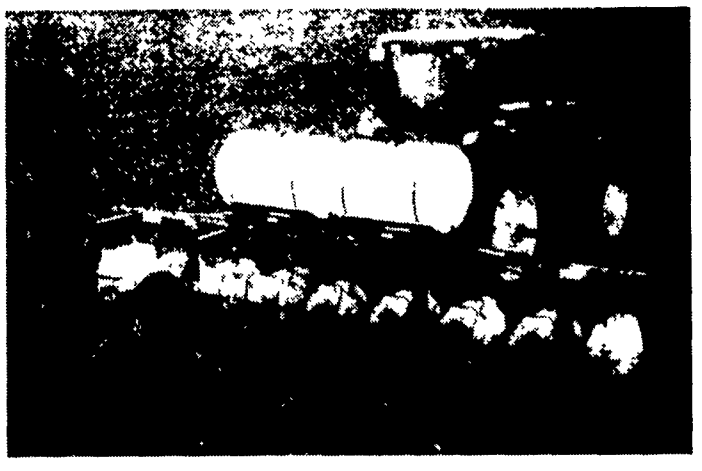
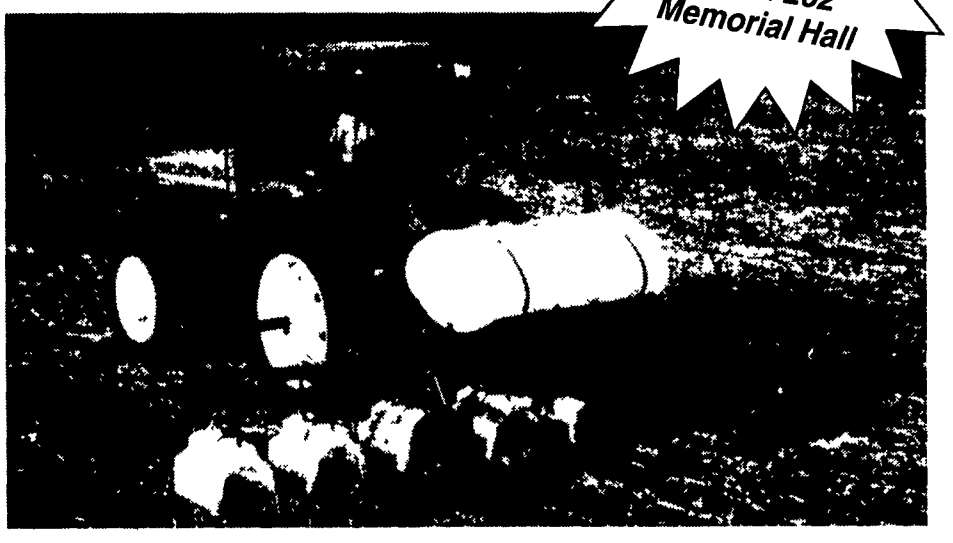
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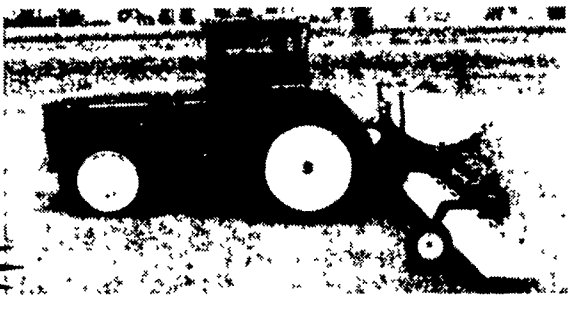
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# Pennsylvania's Role In The Global Dairy Industry

(Continued from Page 3)

In the mean time, smaller family farms are learning to compete by shedding high-cost cropping enterprises when their machinery is worn out, and learning to contract for haying and silage production and storage Also, new small startup dairies are adopting management intensive grazing concepts in order to focus on the dairy enterprise, lower feed and veterinary costs, and limit investments per cow I am currently working with a number of such grazing operations in Missouri These farmers are very interested in running a tight business and keeping financial records

### Size of Cooperatives:

Dairy cooperatives continue to get larger each year There is talk that we could end up with just two dairy cooperatives in the United States within the next 10-20 years Why have there been so many mergers between dairy cooperatives in recent years? One reason may have been to lower the cost of handling and marketing milk Another was to create a better bargaining position to bid up milk prices

Mergers are good for dairy farmers if they result in higher farm-gate milk prices in relation to federal order minimums, if they improve the financial health of the resulting cooperative, and if they ensure dairy producers better market access But mergers can potentially have a downside With more mergers there is less competition for buying milk in the country Farmers are always at an advantage if there are two or more cooperatives and proprietary firms biding for their milk supply Competition is good!

### Processing Trends.

The processing of milk and dairy products really hasn't changed all that much in the last 50 years Some new technologies are on the horizon that may change all of that Reverse osmosis (RO) and ultra filtration are relatively new technologies that promise to radically reduce the cost of transporting milk components to market That means one day, lower cost milk produced in the West could find new homes at cheaper prices in eastern markets That would be a competitive threat to dairy producers in Pennsylvania

RO uses membrane technology to remove a substantial amount of water from milk The end product is a condensed milk that has all of the properties of fresh milk, with just less water Ultra filtration is another method that uses filters to remove water and whey from milk The resulting product is great for cheese making

At this time these technologies have limited practical applications since the costs of using them are still prohibitive (i e in excess of $0 75 per cwt for processing) Also, at this time, one cannot rehydrate milk that has undergone RO processing, label it milk, and put it on a shelf in retail stores Thus these two technologies are currently being used in a very limited scope in manufactured dairy products

One can see that one day, as costs decline and as regulations change, we could see fluid milk produced in New Mexico ending up on grocery store shelves in Florida in less than 24 hours as packaged fluid milk

### Consumer Trends:

It is difficult to identify obvious consumer trends when it comes to the dairy industry. On the one hand, we hear that consumers are on a diet and want low-fat products Yet demand for high-fat dairy products (cheese, ice cream, butter, sour cream and dips, etc ) continues to increase each year In fact, this summer, there was a critical shortage of butterfat and cream that sent butter prices up to $2 81 per pound!

There is concern that naive consumers may not be getting the correct messages regarding the healthful effects of milk and dairy products Despite mountains of evidence and excellent advertising programs from Dairy Management, Inc , regional dairy promotion programs, and Milk Pep, consumers can still get the wrong message about milk

For example, Robert Cohen recently published a book entitled, "Milk The Deadly Poison " Mr Cohen[3] readily admits he is not a trained scientist and lacks even minimum credentials Yet, he is claiming that milk contains bad chemicals, is dangerous to our health, and that our scientific community has turned a blind eye to this health threat

In my opinion, people like Mr Cohen do not understand how our dairy industry works! They write sensational articles and books in order to capitalize on consumer fears I read Mr Cohen's book and it was obvious to me that he does not understand how our milk inspection programs work He doesn't know about the Pasteurized Milk Ordinance Nor does he understand how dairy farmers, state milk boards, and Fieldmen and Sanitarians work together to ensure a safe and wholesome product. It takes a lot of work to ensure the safe milk supply that we have today Mr Cohen, antibiotics, pesticides and pus are just ***not*** in our milk supply!

The bigger question is do consumers listen to people like this? What message are they getting? The facts are, despite the wealth of food choices American consumers face, many do not get adequate amounts of calcium in their diets According to the National Institutes of Health,

Recent studies show that few American children are meeting all of the recommendations outlined in the food pyramid. Teenage girls, on average, failed to meet any of them One essential nutrient missing from the diets of many children and teens is calcium, found primarily in dairy products and in dark, leafy green vegetables Calcium plays a role in the proper functioning of the heart, muscles and nerves and in maintaining blood flow But most calcium is used in building bone mass in order to support physical activity throughout life and to reduce the risk of bone fracture, especially that due to osteoporosis, the weakening of bone that can occur in adulthood [4]

(Turn to Page 6)

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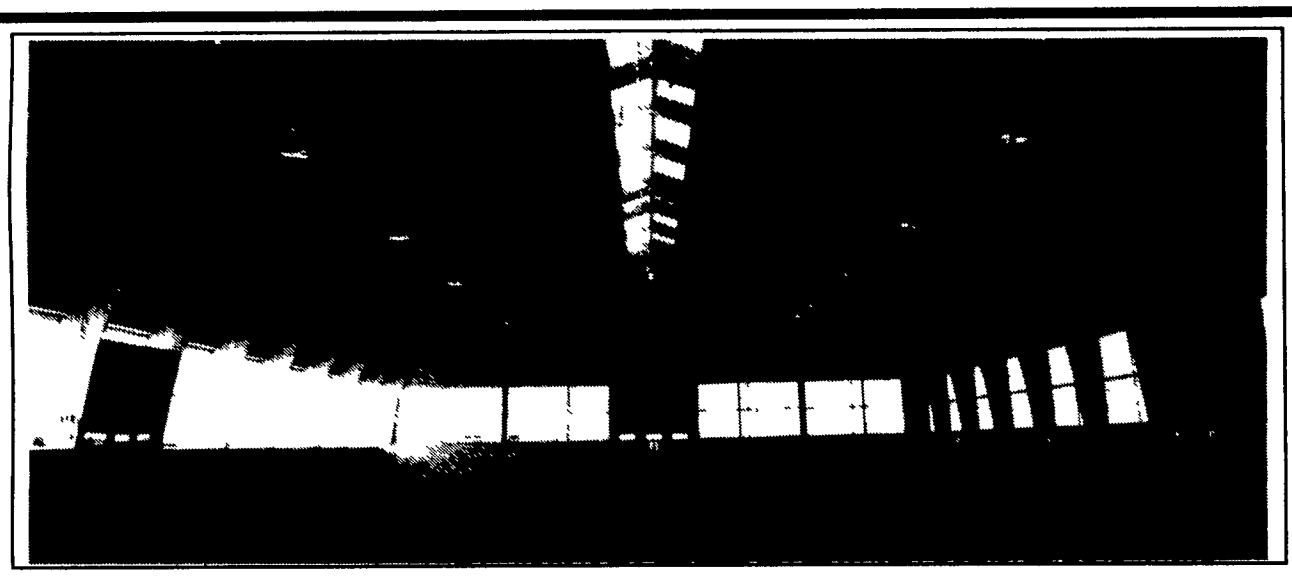

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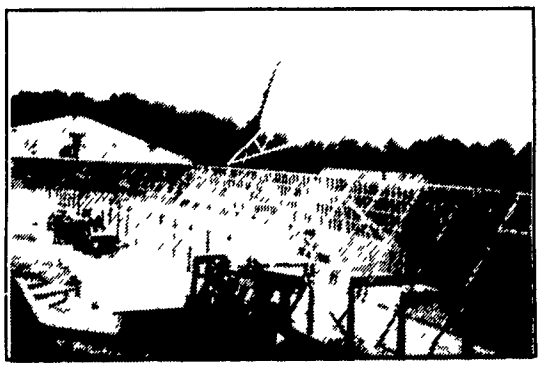

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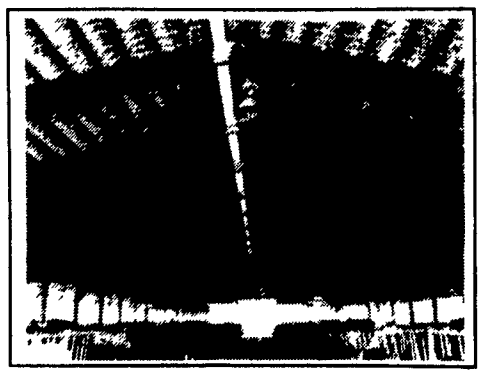

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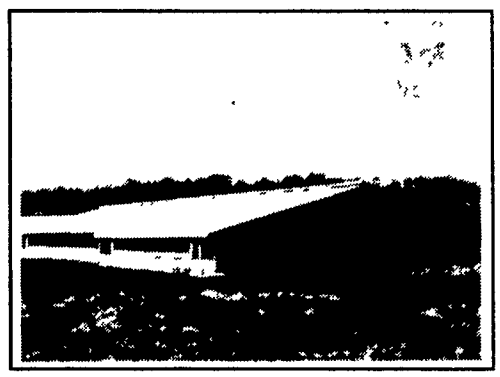

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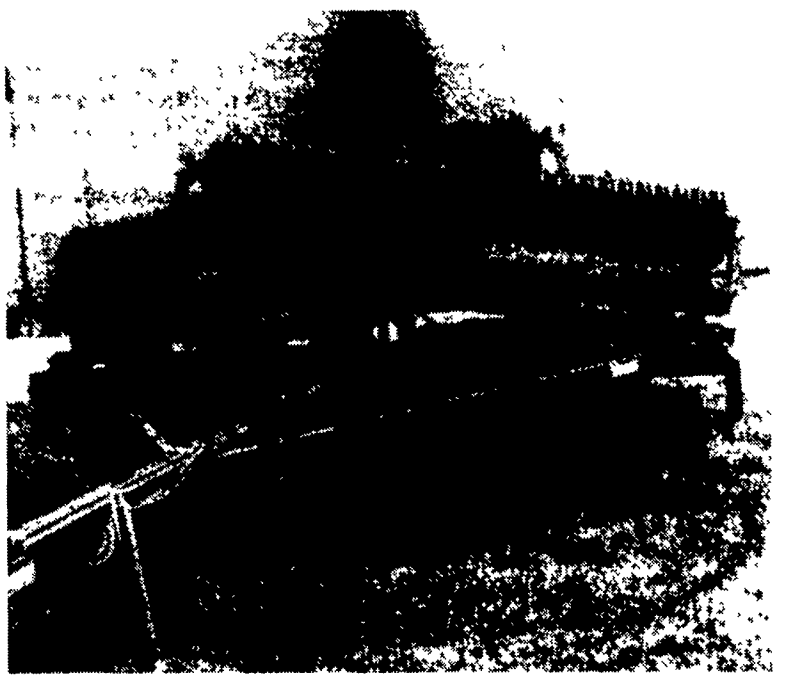

Available in sizes from 3 foot to 40 foot. Available with 15 inch sprocket wheels, 18 inch crowfoot wheels, 15 inch ductile wheels, or 20 inch ductile wheels. Flat fold wing packers feature a narrow 10 foot 4 inch transport width with a center bearing on the center section.

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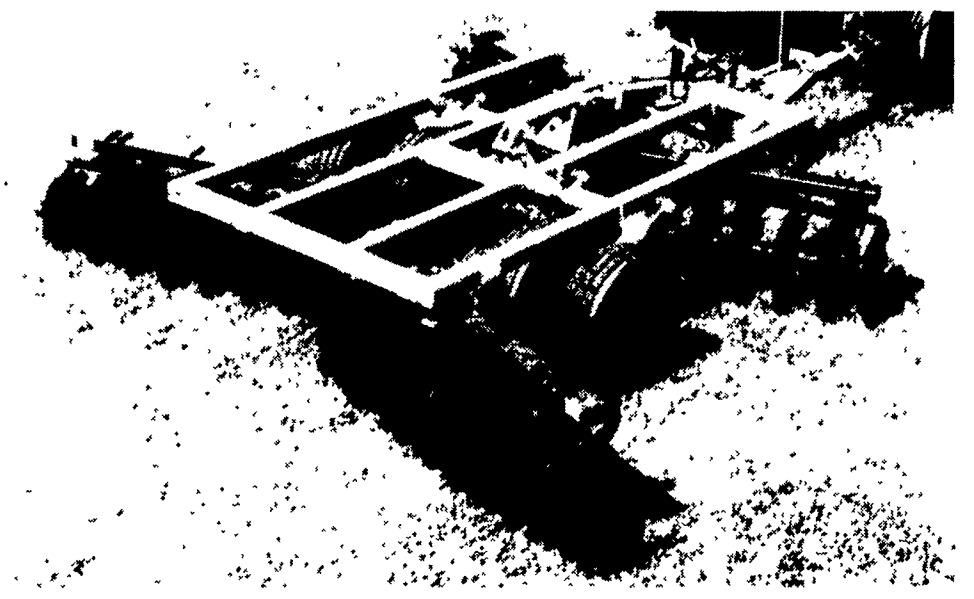

Model F17B available in sizes from 9'3" to 15'0". Model F15B Flexwings available in sizes from 16'6" to 24'0". Standard features include 1-1/2" square high carbon cold rolled steel axles, triple-sealed Protect-O-Shield regreasable ball bearings, reversible clevis, and heavy duty scrapers. Optional Shock Absorber Gang Risers are available for rocky conditions.

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- Seamless Demco polyethylene tank featuring jet agitation, sump, molded sight gauge and 5" fillwell with no-splash cover.
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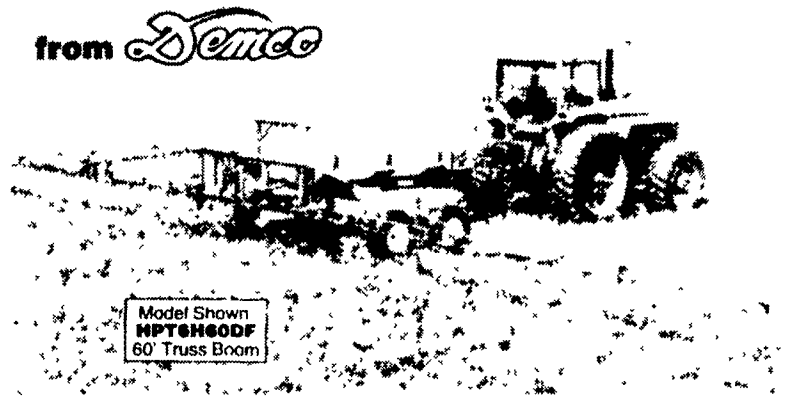


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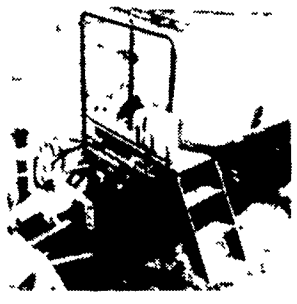

Large front mounted step, platform and safety rail for easy filling of the tank Clean water tank is standard.

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# Pennsylvania's Role In The Global Dairy Industry

(Continued from Page 4)

Americans may not be hearing the message that they are not getting enough calcium in their diets They don't know that milk is a medicinal food, that is it good for you The problem is that consumers that do hear this message may be turning to other forms of calcium supplements instead of milk and dairy products That contribute to lower demand for milk

In a recent press release, Secretary of Agriculture Dan Glickman attempted to get the right message to young families,

> Our challenge is to keep reinforcing the health message But with milk in particular, we need to recognize that different kids have different needs A child from a family that has trouble putting food on the table gets a significant part of his or her daily food at school These kids need the calories and fat in whole milk But kids from more economically secure homes are the ones with the fast food and other high-fat snacks more readily available So the lower fat milk is the healthier choice [5]

Most adult American consumers are clearly more worried about being over weight than getting enough calcium Milk has gotten a bad wrap as a contributor to obesity This despite the fact that the percentage of Americans considered overweight continues to increase each year while per capital consumption of milk declines

We are just finding out that other factors may be the reason for this obesity--soda consumption and foods rich in sweets and carbohydrates A recent diet book by Dr Bob Arnot, a CBS medical correspondent and practicing physician, sheds new light on our American diet. He concludes that foods with high levels of starch or refined sugar lead inexorably to weight gain

Could it be that soda is not really that good for you? We in the dairy industry could learn something from soft drink companies regarding their tenacity for expanding market share [6]

## Futures Markets:

One big trend that really hasn't happened yet is the development of futures markets The Chicago Mercantile Exchange and the New York Coffee, Sugar and Cocoa Exchange are battling for the future of the dairy futures industry These markets see an intense amount of market uncertainty of the part of dairy farmers, cooperatives and processors, anyone involved in the dairy industry.

[4] Source http //www nih gov/nichd/html/MILK/MILK HTM
[5] Remarks of Agriculture Secretary Dan Glickman, USDA Symposium on Childhood Obesity Causes And Prevention, Jefferson Auditorium -- October 27, 1998 http //www.usda.gov/news/releases/1998/10/0445
[6] For insights read Greising's book on the late Roberto Goizueta, former CEO of Coca-Cola Co

There are three reasons why the futures markets have not taken off as previously expected First, the dairy industry is very complicated It's difficult to explain to a commodities broker in an afternoon how federal orders interact with cash markets Second, there isn't a readily identified cash market for milk like in grains or other

(Turn to Page 8)

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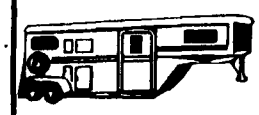

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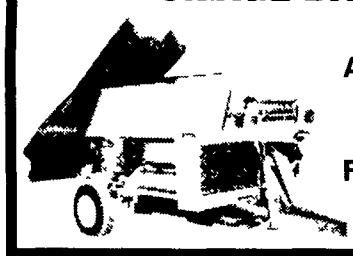

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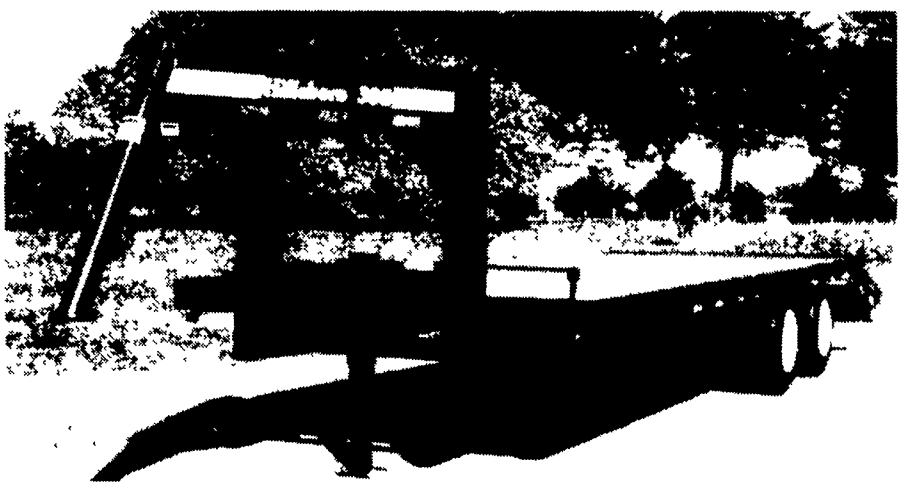

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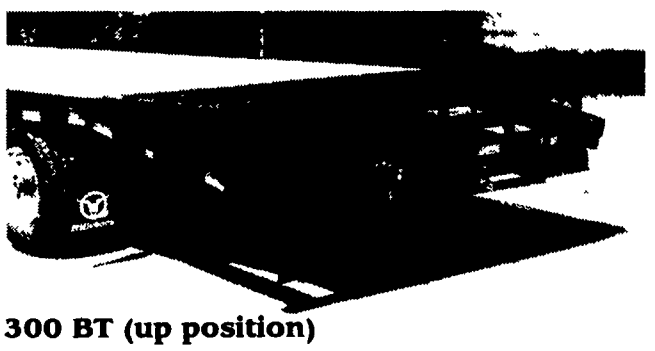

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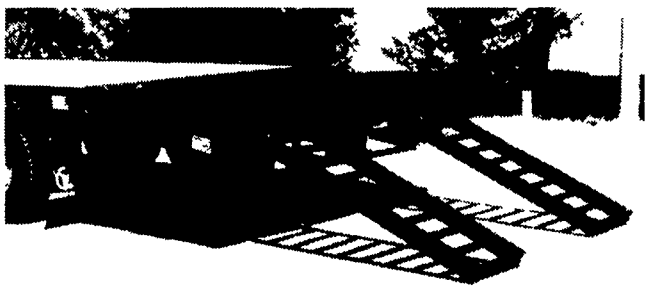

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# Pennsylvania's Role In The Global Dairy Industry

(Continued from Page 6)

livestock Farmers don't even know how they are paid for their milk! Third, the cash and futures markets for dairy products are still relatively thin markets There aren't yet enough players involved to make participants comfortable yet

Despite this concern, demand for a well functioning futures market is there and participation is growing In time, dairy farmers will be able to go to their local cooperative or proprietary firm and forward contract their milk each month Importers and exporters will use dairy futures to prevent large losses from market swings The futures markets are crucial to the free market development of the dairy industry

### International Trade

I've heard estimates that international trade has accounted for only 3-5 percent of our domestic milk production After the recent conclusion of the General Agreement on Tariffs and Trade, dairy farmers were expecting a major benefit from trade They haven't seen it yet In fact, one could argue that replacing quotas with tariffs has allowed more butter imports to enter this country this fall That may have contributed to lowering butter prices from lofty levels One could also ask why worry about international trade when we have the market that everyone wants to export to We aren't even doing enough to expand our own domestic consumption of dairy products Why look at export markets which require an even bigger investment in time and money?

The reality is that the U S will not likely be a major exporter of milk and dairy products within the next 5 years Historically we have looked at the export markets as a dumping ground, a way to get rid of excess dairy products like butter or nonfat dry milk Domestic prices for butter, nonfat dry milk and cheese are well above international prices And allocations under the Dairy Export Incentive Program are reduced each year

The reason for the interest in dairy exports today is so that we can potentially have access to markets in the future As countries reform their markets and as wealth is created, diets improve and demand for dairy products increase Many of these countries do not have the history and infrastructure to build their own dairy industry Thus they will turn to other countries for sources As export subsidies subside and as world market prices improve, there will be more opportunities for the U S to play an increasing role in the global dairy market But that market won't be available for another 5-10 years, maybe longer In the meantime, it would be wise to continue to press for open and fair markets

So what can we conclude from all these trends? The global marketplace is going to continue to be subject to trends that are out of the control of dairy producers. Some of these trends can be capitalized on Others cannot Individual dairy farmers cannot control the price of milk, or even where it is being produced or processed. Farmers can, however, control their own operations and work with their cooperatives to strengthen markets and work with future trends, not against them.

### *Washington Solutions*

There are lots of things happening in Washington that could affect the future of dairy farmers in Pennsylvania Farmers need to be aware of these developments.

### Federal Order Reform

Secretary Glickman's federal order reform effort is continuing to move forward, although at a slower pace Glickman has developed a massive proposal that merits consideration It involves

1 Consolidating the number of federal milk marketing orders (see figure below)
2. Introducing new formulas that define class prices using multiple component pricing
3 Creating new Class 1 differentials

(Turn to Page 10)

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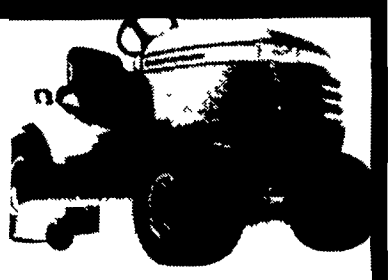
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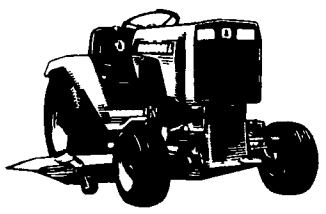
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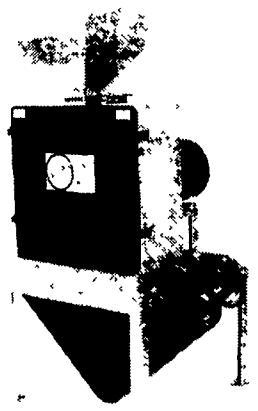

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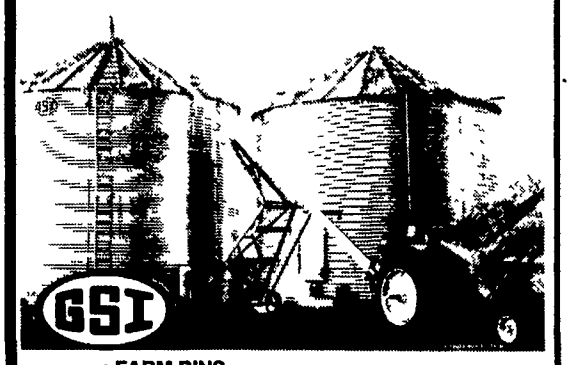
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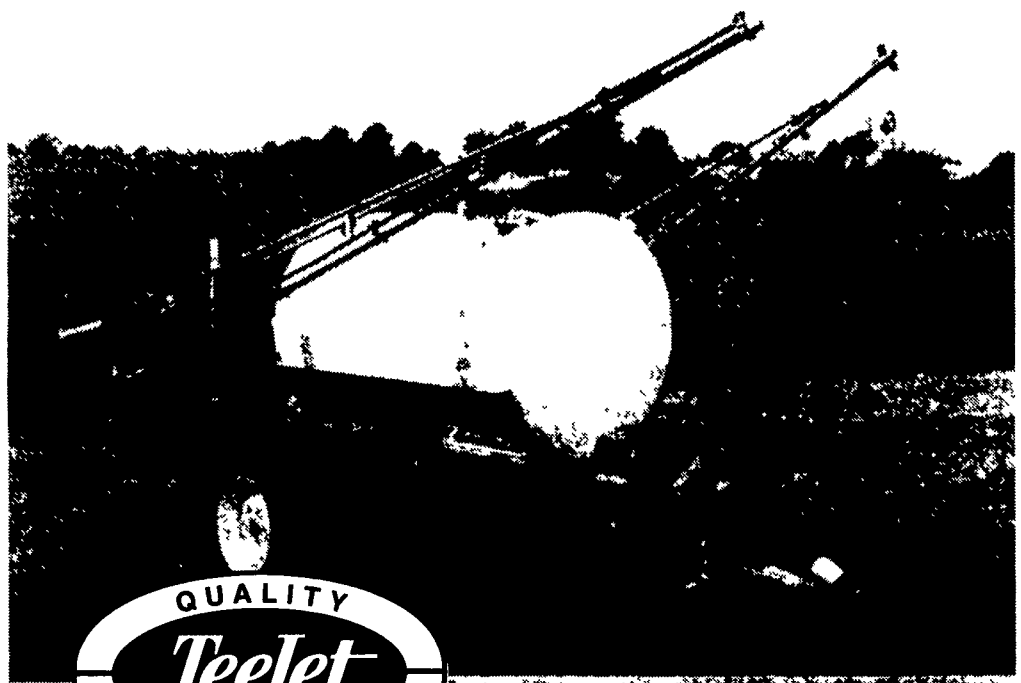

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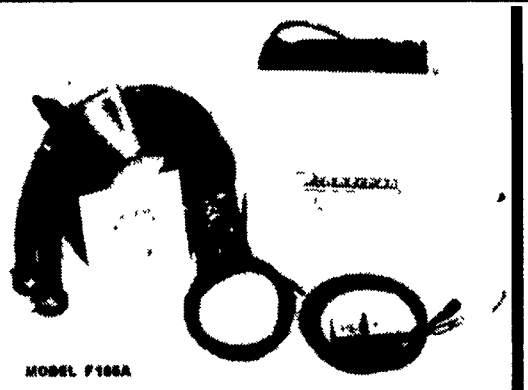


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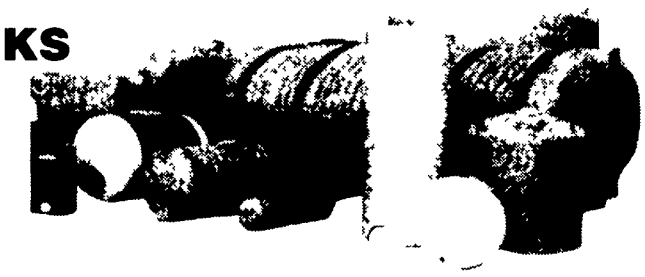

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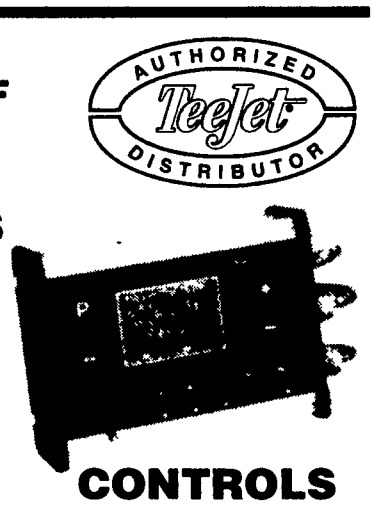

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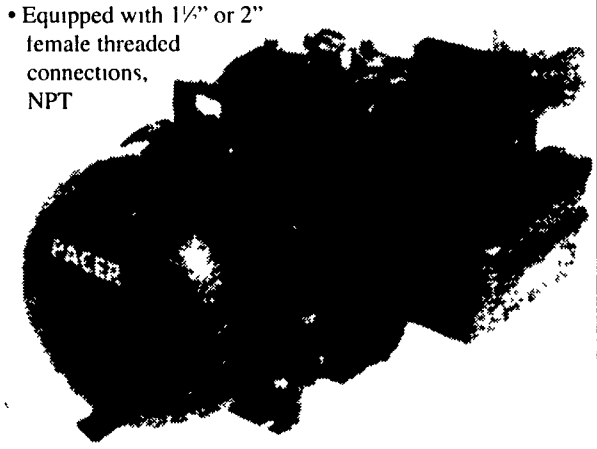


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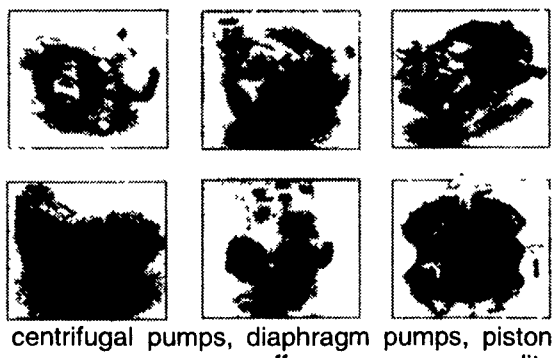

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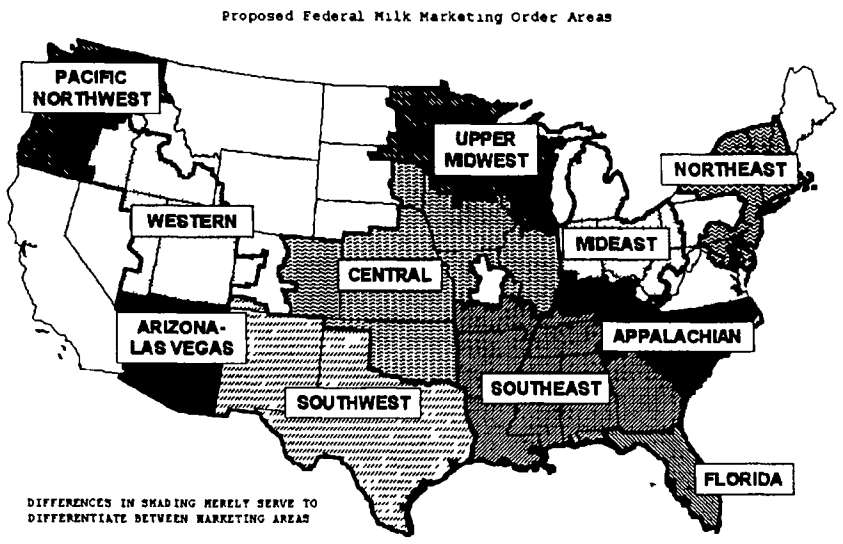
# Pennsylvania's Role In The Global Dairy Industry

(Continued from Page 8)




The most contentious part of this plan is Glickman's calls for changing Class 1 differentials It is very possible that Congress will, in the end, decide how these should be set The period for federal order reform has been extended to October 1999 And, Congress has an extended period of time to review those changes

### End to Freedom to Farm? Dairy Compacts?

Just which direction is farm policy moving in? Pennsylvania dairy farmers need to know Is it going to continue in the path of Freedom to Farm, with less government intervention? Or, will the major changes made in the last farm bill be overturned as Congress reconvenes in January?

It is very possible that Freedom to Farm could be imperiled if we face another year of lower crop prices That could have dramatic impacts on dairy policy Why should dairy farmers see their price support program disappear if crop farmers are granted higher support levels?

And what about Dairy Compacts? Authorization has been extended on the Northeast Interstate Dairy Compact for another six months There will be a major push early next year to create a Southern Dairy Compact Pennsylvania dairy farmers may be interested in joining an expanded Northeast Compact, or joining with an expanded Southern Dairy Compact Or, they may want to fight Compacts

### *The Real Problems*

The reality is that none of these Washington programs are going to save the day for our family farmers Why? The reason is that the solution to declining farm numbers is more fundamental that can be carried out with a new Dairy Compact or new federal legislation

(Turn to Page 11)

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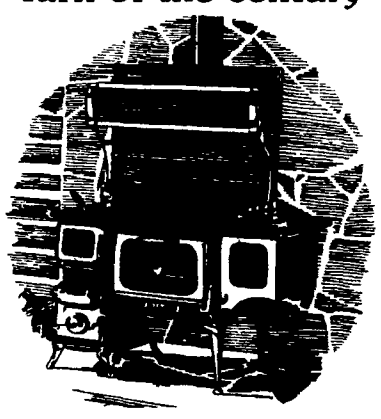

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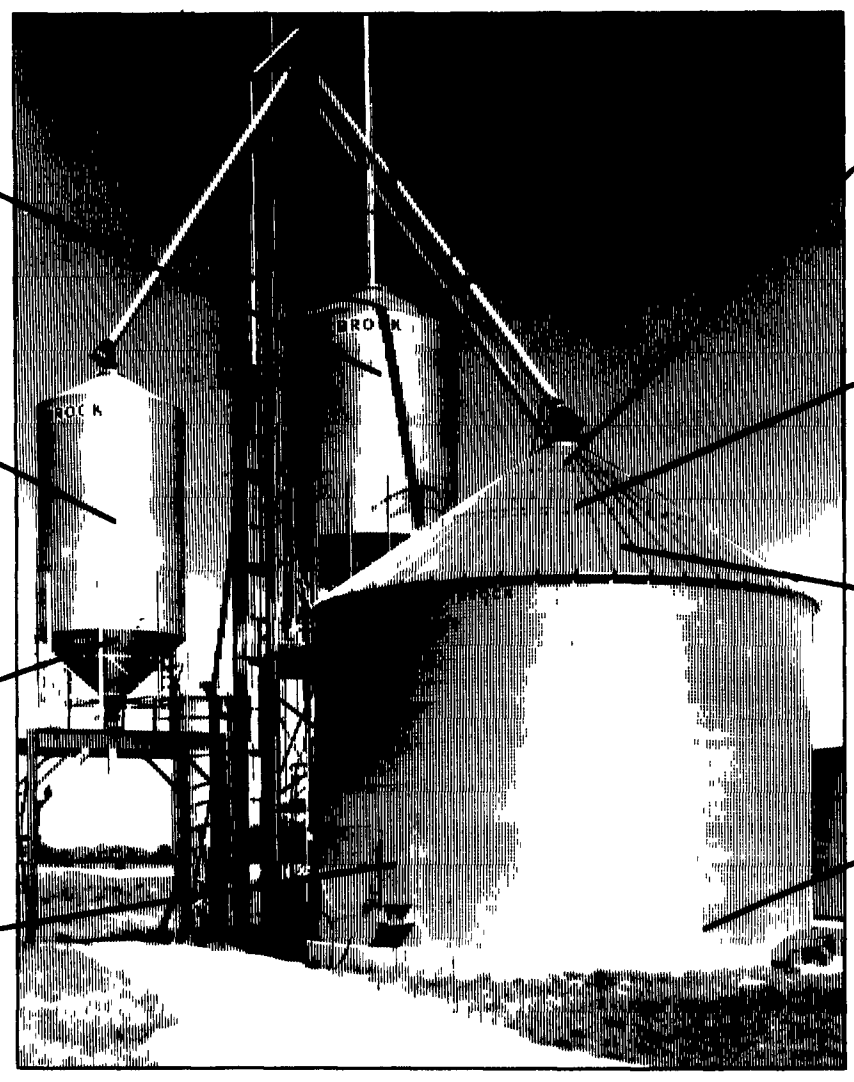

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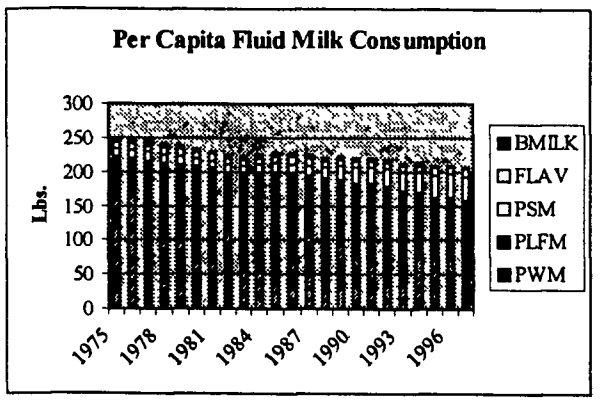
# Pennsylvania's Role In The Global Dairy Industry

(Continued from Page 10)

Dairy Compacts, for example, have the unfortunate outcome of reducing the demand for fluid milk Higher milk prices to consumers will result in slightly lower consumption of milk The real problem in the dairy industry has been declining per capita fluid milk consumption (see below) This results in less opportunity for milk sales and lower milk prices to dairy farmers No good sales person would be happy with a chart like that below




### *What Should We be Doing?*

The key to greater prosperity for Pennsylvania dairy farmers is very simple and fundamental First, we need to expand the market demand for fluid milk A 5-percent growth in fluid milk consumption will result in a 45-cent per cwt gain in farm-gate milk prices. Unlike a dairy compact, that helps some farmers and hurts others, growth in fluid milk consumption will help all dairy farmers

One possible way to spur market demand for your products is for less pricing regulations, not more. Allow processors to compete in the marketplace and encourage their creativity At present there are more options for purchasing orange juice than for fluid milk Aren't we missing something here?

The fluid milk industry got together in 1996 and studied barriers to greater fluid milk consumption in a unique report, "Fluid Milk Strategic Thinking Project Official Report to the Industry " This is a practical and down to earth report developed by milk marketing experts An example of the creativity that came out of this project was ***Chugs***, a fluid milk product produced by Dean Foods These products have unique packaging and labeling, in addition to great milk! Dean's no doubt invested considerable capital to launch this new product that is both popular and innovative.

The second thing we need to consider is improving the financial training of our nations dairy farmers There are new tools available today that will help families run their farms like a fortune 500 company These tools, like Intuit's QuickBooks, allow dairy producers to learn how to better allocate capital, control costs and manage cash flow Farmers can take steps today to ensure their own futures

The outlook and potential for the Pennsylvania dairy industry is limitless We have a thriving and growing U S economy With the right message and innovative products, we can capitalize on this growing economy and help Americans improve their diet Dairy farmers, processors and retailers need to work together better since all have the same objectives We can also take advantage of cheaper computers and new software to better manage our rural family businesses so that dairy farmers can improve their balance sheet each year and pay themselves a living wage

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# *NFU Pleased Senate Ag Committee To Hold Hearing On Concentration*

WASHINGTON, D.C. — National Farmers Union (NFU) President Leland Swenson applauded the decision by Senate Agriculture Committee Chairman Richard Lugar, R-Ind., to hold a hearing to examine concentration in agriculture.

The hearing will take place Jan. 26. On Nov. 18, NFU wrote leaders of the Senate and House agriculture panels requesting hearings to investigate the effect of consolidation on producers. The request followed news of a proposed merger between the nation's two largest grain purchasers, Cargill, Inc., and Continental Grain Company.

"Several members of the agriculture committee have expressed concerns about the challenges of widespread concentration in the farm sector. We applaud Chairman Lugar for making this issue the first order of business when Congress reconvenes," said Swenson. "We hope the hearing will shed some light on merger mania and its ramifications for the nation's farm communities."

Every major sector of agriculture, including the seed, packing, chemical, transportation, grain and livestock industries, has undergone consolidation in recent years. Four packers control roughly 87 percent of the cattle slaughter business and five firms control more than 60 percent of the pork packing industry. Recent acquisitions of major seed interests by Monsanto and consolidation in the railroad industry have significantly reduced the number of players in those sectors as well.

"Concentration has virtually eliminated competition in many regions of the country, leaving farmers with few buyers for their commodities. We will press the committee to investigate the relationship between concentration and low commodity prices as well as the growing spread between prices farmers receive and prices consumers pay for food at the retail level," Swenson said.

NFU has been a leader in the effort to call attention to the problem of concentration in agriculture. In recent weeks, NFU has:

• Asked President Bill Clinton to immediately form a presidential commission to investigate the trend of concentration in the industry.

• Called on President Clinton to issue an executive order placing a moratorium on farm sector mergers pending the outcome of net farm income impact studies.

House Agriculture Committee Lary Combest, R-Texas, has previously announced plans to hold a similar hearing, although no date has been set.

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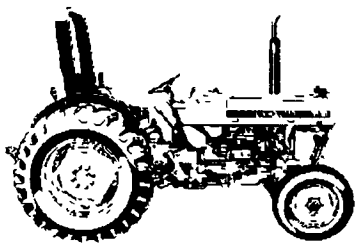

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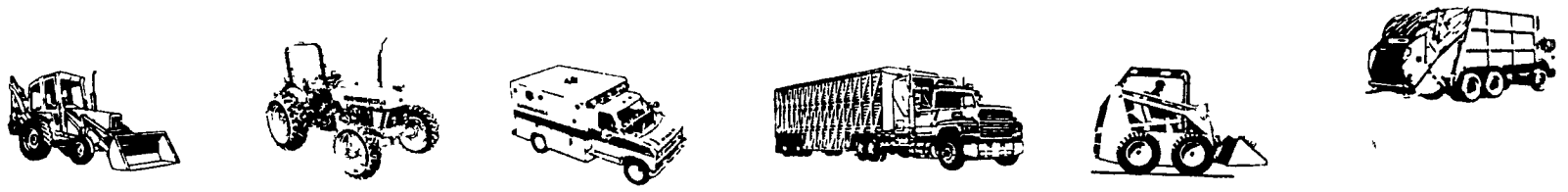

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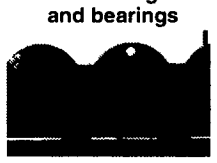

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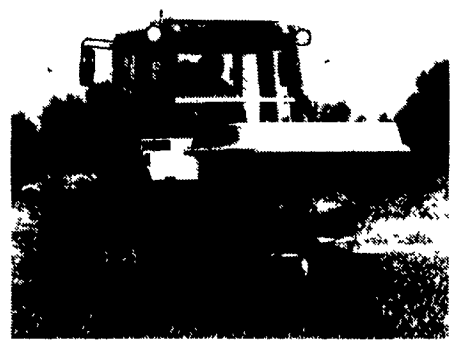

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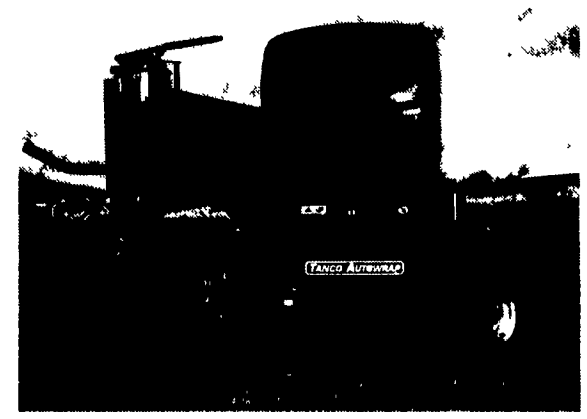


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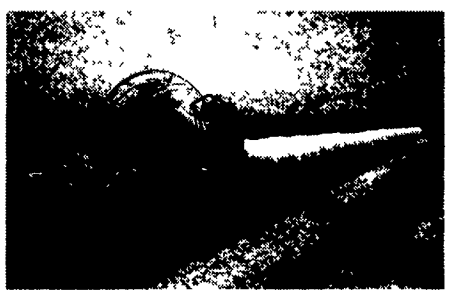

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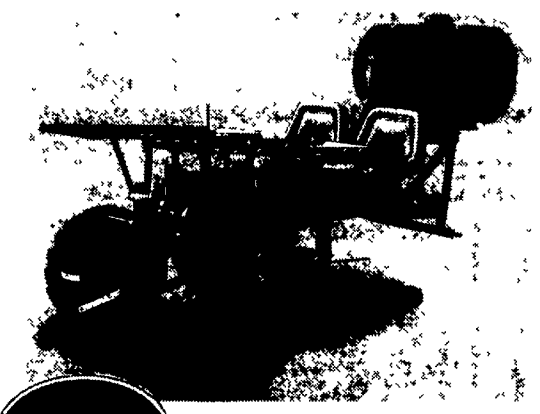

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# Udder News

DECEMBER 1998

IN THIS ISSUE:

## What's Happening On PA Dairy Farms

### WHAT'S HAPPENING ON PENNSYLVANIA DAIRY FARMS?

A mail survey conducted in 1997 by Penn State obtained responses from 874 dairy farms from across Pennsylvania (60.8% return). The purpose of the survey was to provide updated information on dairy production practices, use of technology, level of satisfaction with certain aspects of the operation, and grazing practices. Some of the survey results will be published in future issues of *Udder News*. This month, information on grazing management practices will be summarized. These results apply only to the milking cows.

Did you graze milking cows in 1996? More than half (57.7%) of Pennsylvania dairy farmers said they grazed milking cows at some time during 1996 (Table 1) The results indicated that only 12 5% of the farmers moved their milking cows to an area of fresh grass at least every 3 days. On the other extreme, 30.2% percent of the farmers grazed their milk cows on the same pasture for more than 30 days or all season.

**Table 1. Grazing rotation period for milk cows.**

| Rotation Period | Pecent of All Farmers* |
|---|---|
| One Day or Less | 7.3 |
| 2 to 3 Days | 5.1 |
| 4 to 7 Days | 5.4 |
| 8 to 14 Days | 4.7 |
| 15 to 30 Days | 4.7 |
| More than 30 Days | 4.2 |
| Same Field All Season | 26.0 |
| Do Not Graze Milk Cows | 42.3 |

***May not add to 100 due to rounding.***

Two-thirds of farmers used pasture for less than 25% of forage needs.

Furthermore, only 18.3% of the farmers relied on pasture for more than 50% of the forage needs during periods of good forage availability. Two-thirds (67.4%) of the farmers relied on pasture for less than 25% of the forage for milking cows. This group includes the 42.3% who did not graze milking cows.

Over 30% of farmers who used pasture did not reduce stored forages fed to dairy cows. The data showed that of the farmers who grazed their cows, 23.3% reduced energy and 49% reduced protein during periods of good forage

(Turn to Page 17)

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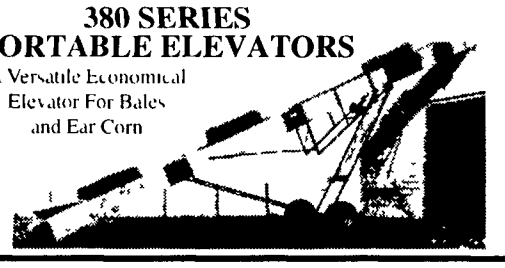
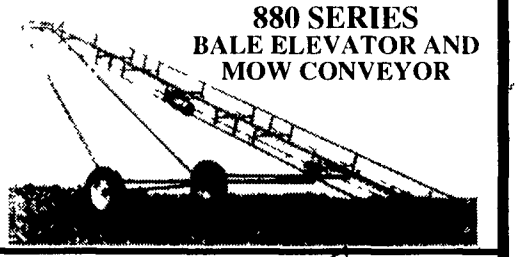


880 SERIES
BALE ELEVATOR AND MOW CONVEYOR



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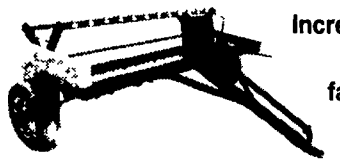

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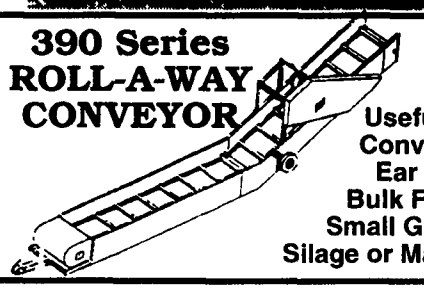

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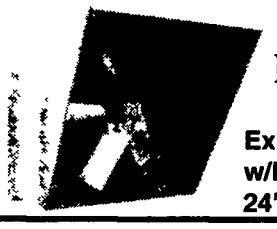

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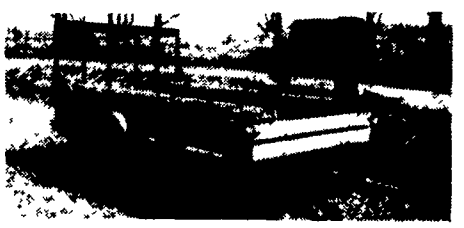

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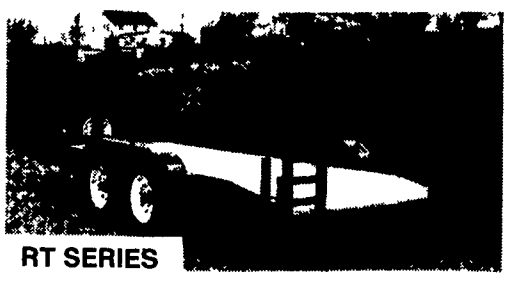

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# Northeastern Farm Credit Announces Awards

LEWISBURG (Union Co) – Northeastern Farm Credit announced their annual award winners Dec. 5, here at the Brynwood Inn and Banquet Center.

Each year, nominations for Distinguished Service, Executive, and President's awards are submitted to a committee in October The awards are then presented at the company's annual Christmas party.

This year, the following were recipients of Distinguished Service awards; Cassy Casiello, small loan specialist, Wellsboro office; Jerry Davis, senior loan officer, Bloomsburg office; Linda George, retail loan administrator, Lewisburg office; Susan Hawkins, retail loan administrator, Montoursville office; William Herold, loan officer, Montoursville office, Michelle L. Ishler, customer service representative, Lewisburg office; Robert Jacobs, commercial loan officer, Bloomsburg office; Marsha Jones, branch operations manager, Wellsboro office; Patti Kirkner, customer service representative, Bloomsburg office; Tamara L. Patterson, marketing services coordinator, administrative office, Lewisburg; Chrissy Ritts, customer service representative, Towando office; Peg Rotello, retail loan administrator, Coudersport office; and Mike Schrey, vice president - SAM, administrative office - Lewisburg.

The President's Award was given to the following: Jim George, commercial loan officer, Montoursville office; Dent Hawthorne, commercial loan officer, Lewistown office; Tammy McCauley, retail loan administrator, Tunkhannock office; and Kathleen Swartzlander, corporate secretary, administrative office, Lewisburg.

The Executive Award was presented to the following: Pamela Mallott, retail and loan processing coordinator, administrative office, Lewisburg and David Morris, commercial loan officer, Coudersport office.


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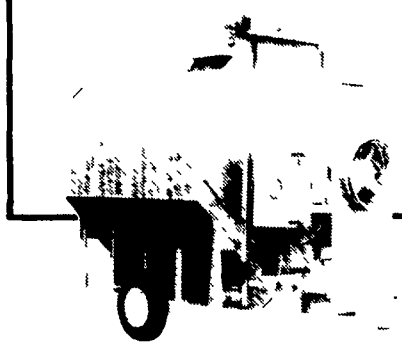

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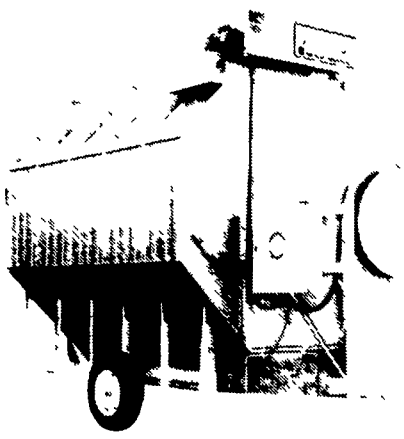

Here are the dryers for the farmer who has more to do at harvest than just dry grain.

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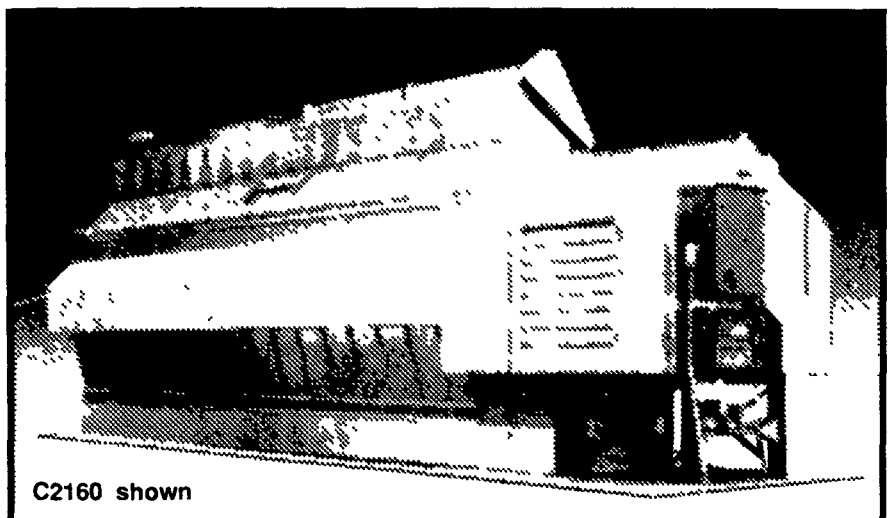

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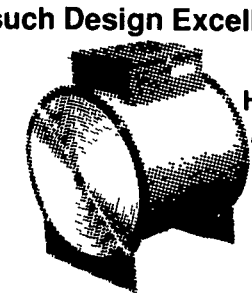

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# What's Happening On PA Dairy Farms

(Continued from Page 14)

availability. As expected, 68.2% reduced the amount of forages fed but 31.1% did not decrease feeding of stored forages while cows were grazing (Table 2).

**Table 2. Adjustment of energy, protein, and forage fed while cows were grazing***

| Feed Adjustment | Percent of Responses Decrease | No Change | Increase |
|---|---|---|---|
| Energy | 23.3 | 61.5 | 15.2 |
| Protein | 49.0 | 48.6 | 2.5 |
| Forages | 68.2 | 29.6 | 2.3 |

*** Does not include herds that do not graze milking cows.**

**Summary**: These results indicate that 42.3% of the farmers did not graze milk cows during 1996. Another 9.2% used pasture primarily as a exercise lot. These farmers: (a) grazed their cows in the same field all season, (b) used pasture for less than 25% of the forage needs during grazing, and (c) did not reduce feeding of stored forages while cows were on pasture. If this group is added to the group that did not graze their cattle, then more than half 51.4%) of the dairy farms in PA can be considered as using confinement feeding systems. Furthermore, if intensive grazing is described as: (a) rotating cattle at least every 3 days, (b) using pasture for more than 50% of the forage needs and (c) decrease the amount of stored forages fed during periods of good forage, then only 6.2% of the survey sample of farms use intensive grazing management practices.

(Turn to Page 18)


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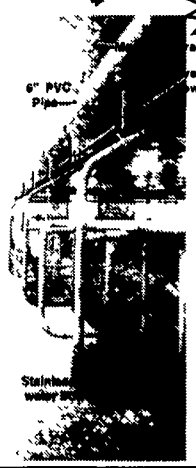
NEW Rapid Flow



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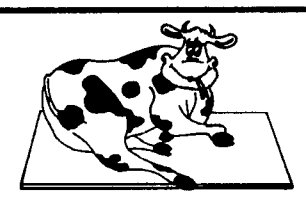

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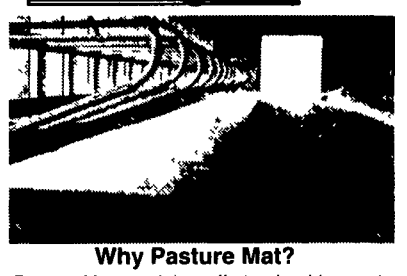

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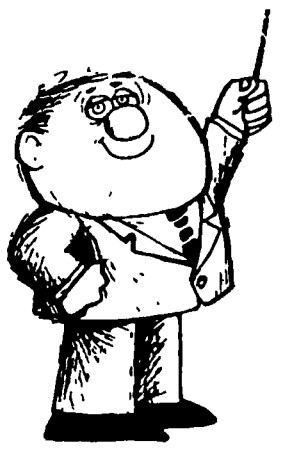

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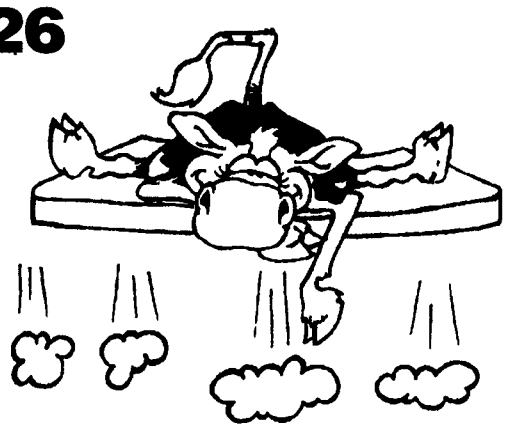

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# What's Happening On PA Dairy Farms

(Continued from Page 17)

**WHAT'S HAPPENING ON PENNSYLVANIA DAIRY FARMS? Part II**

This month we are presenting information on the technologies being used on Pennsylvania dairy farms. This is the second set of results from a 1997 mail survey by the Department of Agricultural Economics and Rural Sociology of Pennsylvania dairy farmers. The 874 dairy farmers responding to the survey averaged 65.3 cows per farm and 17,476 pounds of milk sold per cow.

Each farmer was asked what type of milking system was used on the farm, and if they used automatic takeoffs, TMR, DHIA, bST, personal computers, or written farm plans. The results indicate a wide variation of herd size and milk production per cow of the farms using individual technologies (Table 1).

Please keep in mind that the use of a certain technology does not necessarily mean greater profitability. More than half (56.5%) of Pennsylvania's dairy farmers use a barn pipeline milking system. The results indicated that 18.3% of the farmers use a milking parlor while 25.1% of the farmers continue to use milker pails. As would be expected, the average herd size on farms using milking parlors is more than 3 times larger then herd size of farms using milker pails and 2 times larger than the herds size of farms using a barn pipeline. Dairy farms using milking parlors or barn pipelines average more than 1,850 pounds of milk per cow than farms using milker pails. However, there is little difference in milk production per cow between cows milked in milking parlors and cows milked with barn pipelines. In addition, automatic takeoffs are used on 16.2% of the state's dairy farms. These farms tended to have larger herd size and greater milk production per cow.

(Turn to Page 20)


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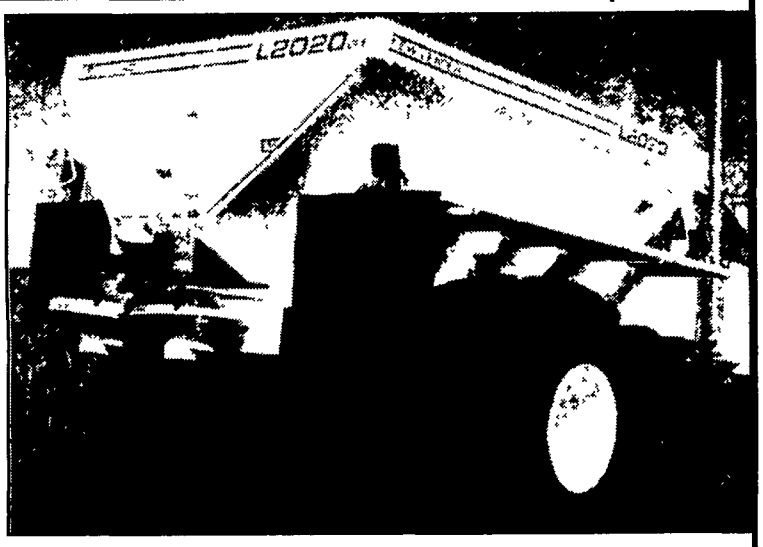



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# Odor Control Strategies Sought Through Swine Diet

DENVER, Colo. — Changing what a hog eats might reduce the odor of what it excretes. That's why an Iowa State University researcher is studying a possible link between odor and swine rations.

At the annual meeting of the American Society of Animal Science (ASAS) in Denver July 27-Aug. 1, Wendy Powers, an ISU assistant professor of animal science, outlined a feeding trial that studied the effects of bloodmeal in swine rations on manure composition and odor. Bloodmeal is a common ingredient in swine feed.

Fifteen five-week-old pigs were fed for each of two, four-week periods. The rations included either 3 percent bloodmeal, 1.5 percent bloodmeal or no bloodmeal. The pigs were housed separately depending on their ration, and manure was cleaned from each room once each week.

Manure and air samples were collected twice weekly, on days four and six, for the last three weeks of each feeding period. Manure samples were sent to a commercial laboratory for compositional analysis. Air samples were analyzed by a trained human panel and by an electronic nose, which is a machine designed to measure odors.

Powers said she found a strong trend for increased odor as the amount of bloodmeal was increased in the hogs' diets. Odor also increased as the length of time the manure was stored increased from four to six days. No performance differences were found with any of the feeding regimens.

The project was conducted in late 1997. Powers plans to repeat the feeding trials this year. "We've shown odor intensity increases with greater amounts of bloodmeal in swine rations. This means we might someday be able to make dietary recommendations to reduce odor potential," she said.

Beyond studying the impact of bloodmeal on manure odor, Powers said she also wanted to compare the two methods of measuring odor intensity — the electronic nose versus a human panel. "The electronic nose did not mimic the results of the human panel as well as we'd hoped," Powers said. "On the other hand, the human panel showed wide daily variation in treatment response where the electric nose was more consistent."

Powers said the results show more work is needed to "train" the electronic nose to better match human noses. "When testing odors, the human panel ranks the odor and the electronic nose is trained to accept this ranking. But this showed the electronic nose does not always accurately reflect what a human smells. Since humans can be influenced by psychological factors and instruments can't, this may account for differing results between the two methods.

Also at the ASA meeting, Powers presented a seminar on the steps producers can take to control odors "We're putting together a number of strategies that are cost-acceptable for controlling downwind odor," she said Powers discussed odor control measures that included dietary manipulation and housing alternatives, plus storage and land application of manure

Many of the strategies Powers outlined are being tested on private Iowa farms as part of the state's odor control demonstration project.


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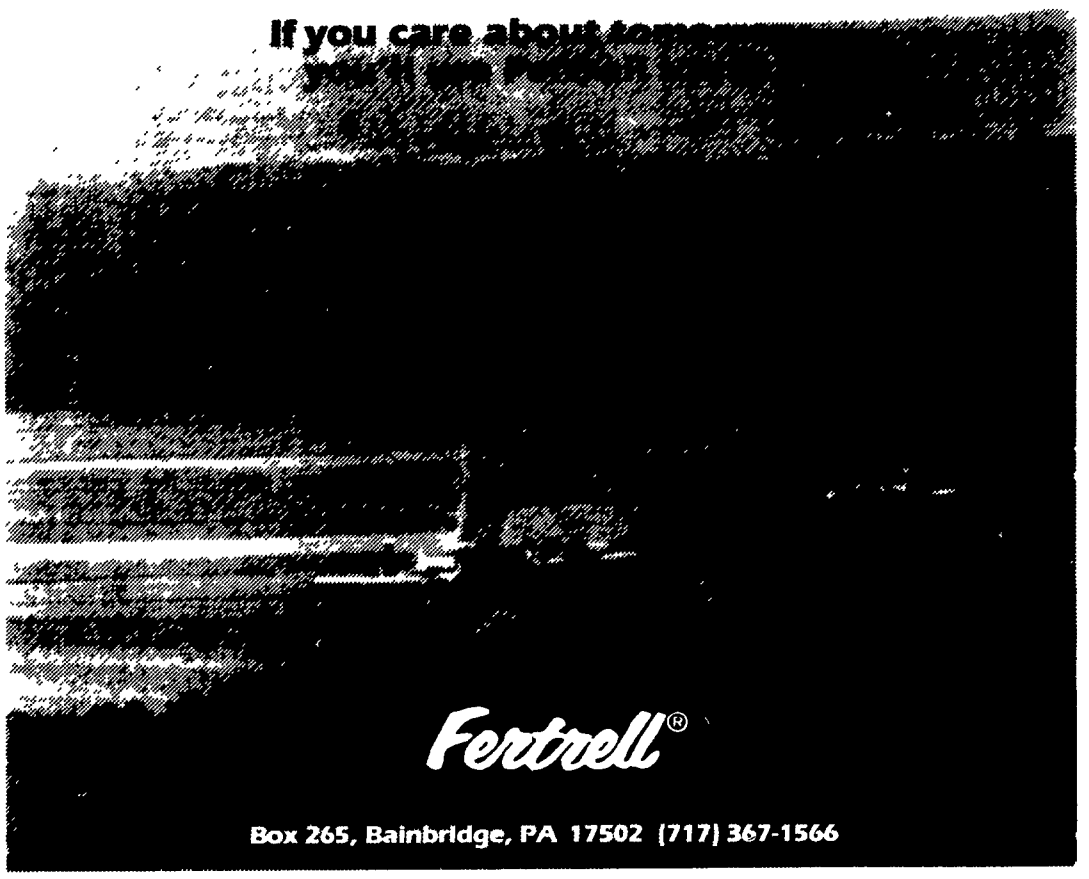


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# What's Happening On PA Dairy Farms

(Continued from Page 18)

**Table 1. Technology used on Pennsylvania Dairy Farms.**

| PERCENT OF FARMERS | NO. OF COWS | MILK PER COW | TECHNOLOGY |
|---|---|---|---|
| 18.3 | 117.5 | 17,876 | Milking parlor |
| 56.5 | 61.8 | 17,974 | Barn Pipeline |
| 25.1 | 35.7 | 16,025 | Milker Pails |
| 16.2 | 122.9 | 18,817 | Automatic Takeoffs |
| 35.0 | 95.6 | 19,143 | Total Mixed Rations (TMR) |
| 53.8 | 72.2 | 18,726 | DHIA |
| 18.1 | 97.2 | 21,144 | bST on Some Cows |
| 22.1 | 94.9 | 18,440 | Personal Computer |
| 25.5 | 73.5 | 17,795 | Written Farm Plans |
| **Survey Average:** | | | |
| 65.3 | 17,476 | | |

One third (35%) of the state's dairy farms use a TMR. However, these herds average 95 cows per herd, representing more than half of the state s dairy cows. Eighteen percent of the herds have used bovine somatotrophin (bST) on some of their dairy cows. These herds averaged over 97 cows per farm and more than 20,000 pounds of milk per cow. Over half (53.6%) of the farms use DHIA. These herds tended to be larger and sold more milk per cow than the survey average.

Twenty-two percent of the farmers indicated they used a computer on their farm. Those farms with computers averaged nearly 95 cows per farm and produced almost 1000 pounds more milk per cow than the average herd. Written farm plans or goals are used on 25.5 % of the farms. These farms tended to be larger than average but had average milk production.

Summary: Many of the technologies examined in the survey are related to herd size and milk sold per cow. The most common technologies used on Pennsylvania dairy farms are barn pipeline milking systems and DHIA. Milking parlors, computers, bST, and automatic takeoffs are used on 25% or less of the state's dairy farms but these farms are the larger herds, produce more milk per cow, and include a over 40% of the state's dairy cows. There is little difference in milk production between farms using a milking parlor and farms using a barn pipeline. The majority of the state's dairy farms are characterized by smaller herds milked with vacuum milker pails or barn pipeline milking systems and employ few other production technologies. The use of individual technologies does not necessarily infer greater profitability. However, larger herds are successfully employing technology to increase milk production and capture economies of scale. If smaller herd owners are to survive they must be able to decide which technologies and management practices are best suited to increase profits on their individual farm.

**WHAT'S HAPPENING ON PENNSYLVANIA DAIRY FARMS? PART III**

This month information is presented on the dairy and cropping characteristics of Pennsylvania dairy farms. This is the third set of results from a 1997 mail survey of Pennsylvania dairy producers by the Department of Agricultural Economics and Rural Sociology. The survey was mailed to a random selection of farms and the results were representative of the state's dairy farms based on known county distributions. Each farm was asked several questions regarding herd size, milk production per cow, and acres farmed. The survey results indicate that smaller dairy herds on relative small acreage continues to represent the majority of Pennsylvania's dairy industry. This point is specifically noted by examining median instead of average values.

The farmers reported owning an average of 65.3 cows (Table 1). However, the median herds size was only 52 cows per farm, indicating that half of the state's herds have 52 cows or less. In fact, 44.6% of the state's herds have fewer than 50 cows and 25.4% have less than 40 cows. Herds with 80 cows or more account for 23.1% of the state's herds. Please remember while there are numerous smaller dairy farms, the greatest concentration of cows and therefore total milk production is on the larger farms.

**Table 1. Number of cows per farm in Pennsylvania (1997).**

| Number of Milking Cows | Percent |
|---|---|
| <30 | 10.4 |
| 30-39 | 15.0 |
| 40-49 | 19.2 |
| 50-59 | 14.6 |
| 60-79 | 17.7 |
| 80-99 | 8.9 |
| >100 | 14.1 |

(Turn to Page 25)


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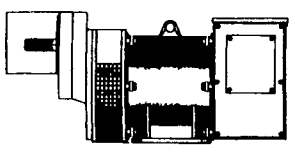

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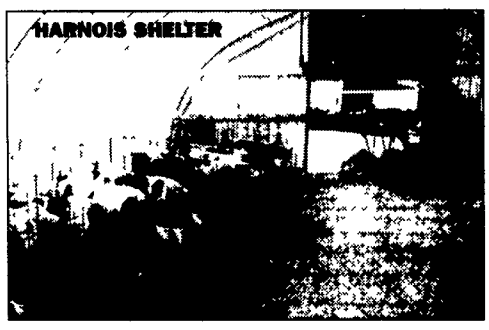

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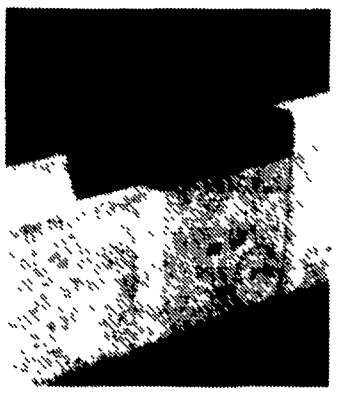

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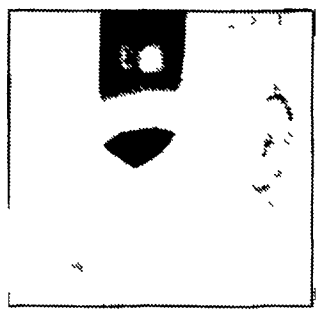
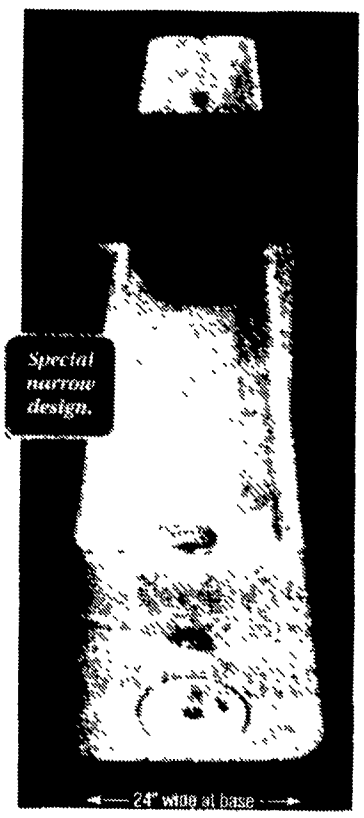


A rotocast polyethylene body features thick urethane insulation. Each 72" unit has 6 recessed heavy web anchors.




The 144" model holds a maximum of 52 gallons of water and will flush/drain clean in 60 seconds! Large 3" drains are located at each end. The complete fountain will fill in 78 seconds at 50 PSI. A single 72" model will water 125 head of dairy stock or 250 head of beef cattle. These capacities double with the 144" model.

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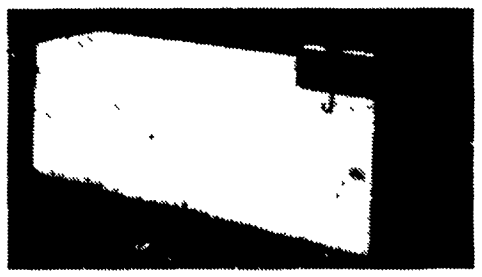

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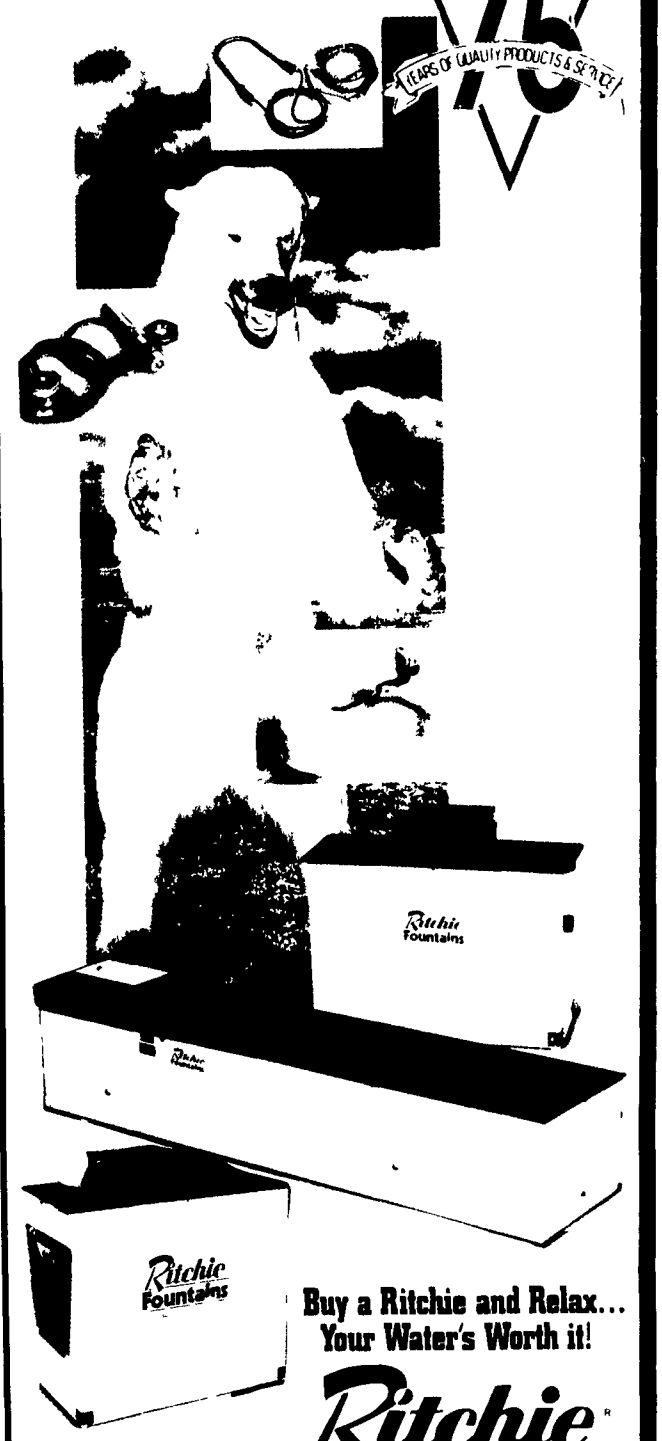


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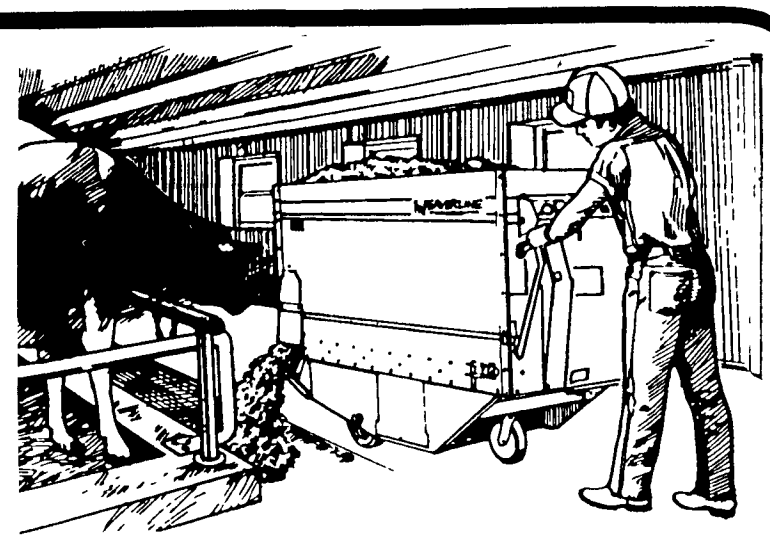

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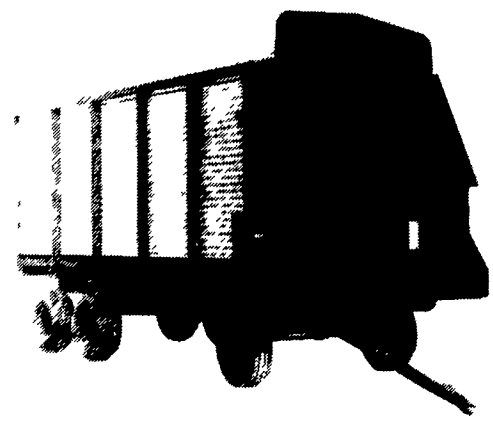

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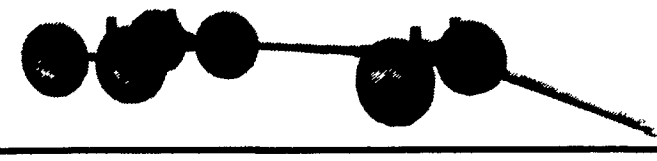

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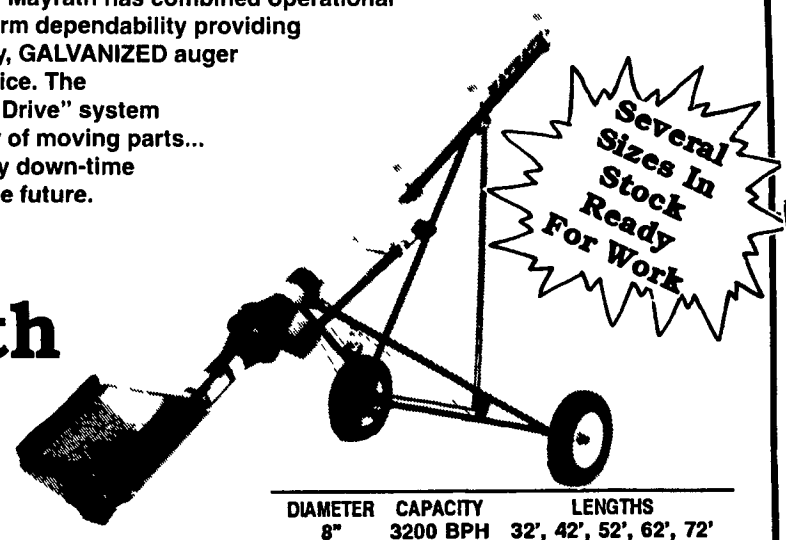


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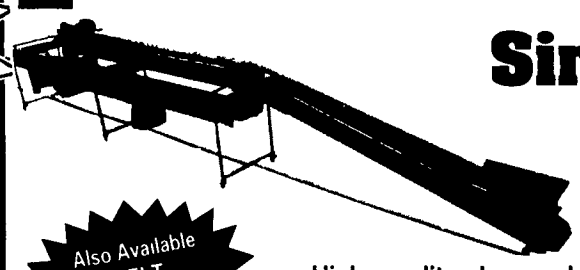

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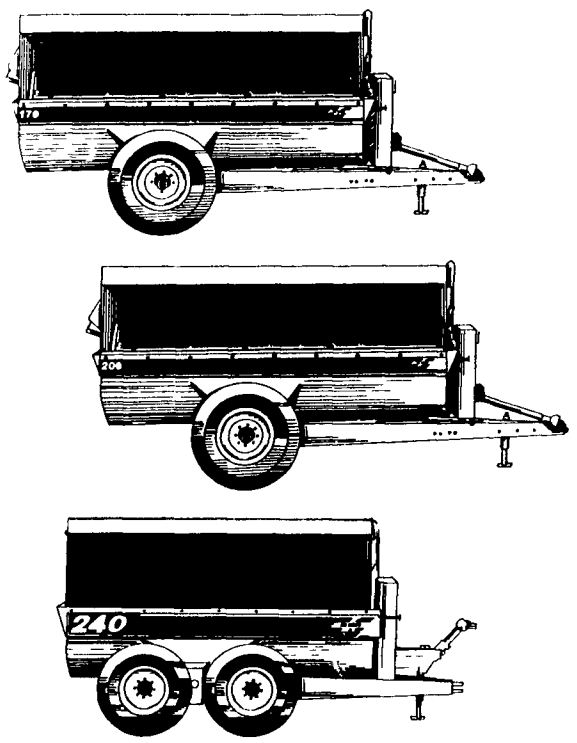


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## The Original— BELT-IN-A-TUBE

**10" unit moves up to 5,000 bu. per hr.**
**14" unit moves up to 9,000 bu. per hr.**

The BeltVeyor is a durable workhorse for any grain handling or bulk materials operation. It offers safety, low maintenance, low power requirements, high capacity and best of all—handles grain or bulk without agitation and reduces breaking or cracking. Optional PTO, gas or electric motor drive with optional hydraulic, manual or electric winch. 10" available in 20' to 85' lengths, the 14" is available in 30' to 85' lengths, all in 5' increments.

### Shown with New Slip-Pit ™ Accelerator

Increase capacity while you unload material either under the hopper trailer or truck tailgate. Available with hydraulic or electric drive. Simply lower the end roller and pull the maneuvering arm to slip into position.

### Transports easy, mounts beside your conveyor.

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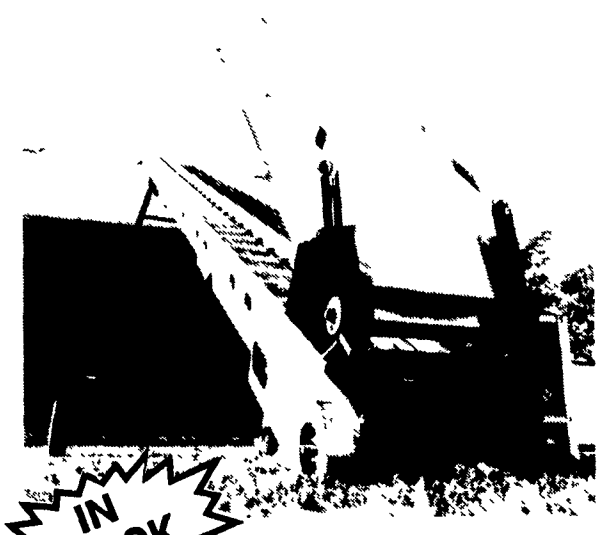
# MY-D HAN-D



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- **BALE ELEVATORS**
- **CONVEYORS**
- **PORTABLE ELEVATORS**

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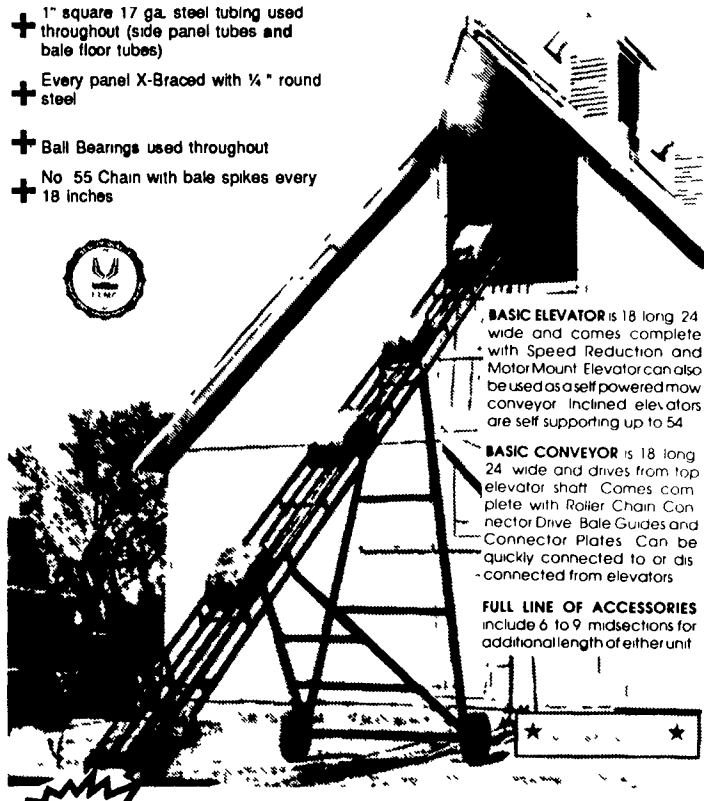
- 1" square 17 ga. steel tubing used throughout (side panel tubes and bale floor tubes)
- Every panel X-Braced with ¼" round steel
- Ball Bearings used throughout
- No 55 Chain with bale spikes every 18 inches



**BASIC ELEVATOR** is 18 long 24 wide and comes complete with Speed Reduction and Motor Mount Elevator can also be used as a self powered mow conveyor Inclined elevators are self supporting up to 54

**BASIC CONVEYOR** is 18 long 24 wide and drives from top elevator shaft Comes complete with Roller Chain Connector Drive Bale Guides and Connector Plates Can be quickly connected to or disconnected from elevators

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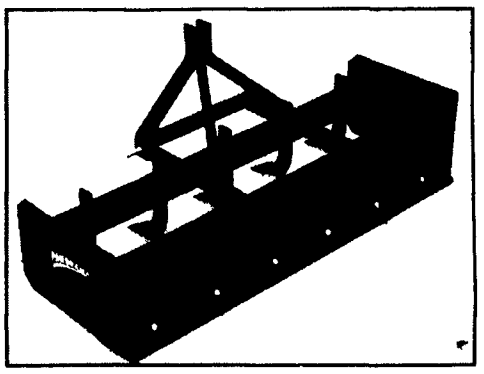
# PANORAMA

## Landscape Equipment



Box Blades, Rock Rakes, Tilt & Angle Blades (Most Sizes Available)

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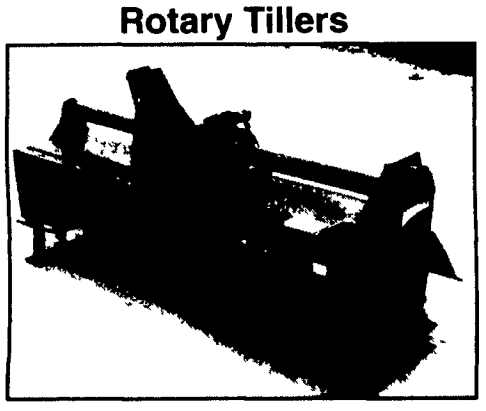

Wide Range Models to fit tractors from 20-50 HP

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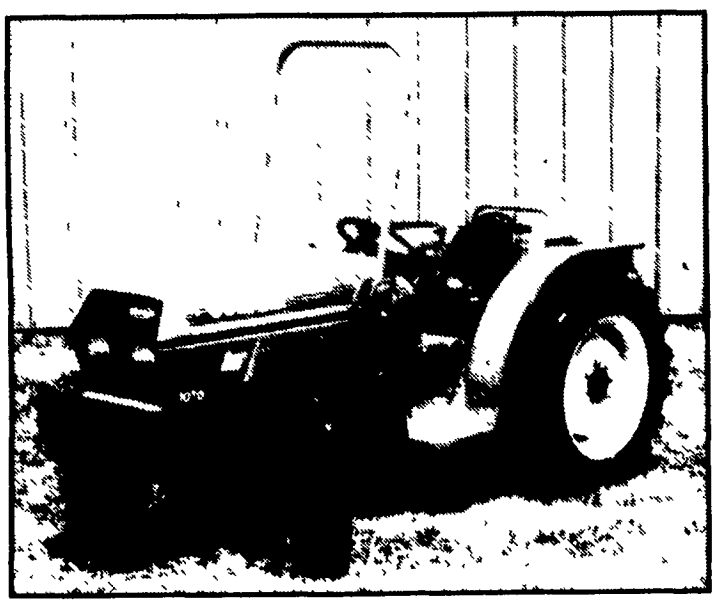
Make your hard fencing job easy with a Panorama post digger or driver.

## Goldoni Tractors



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**Standard Quality you can see at a glance.**

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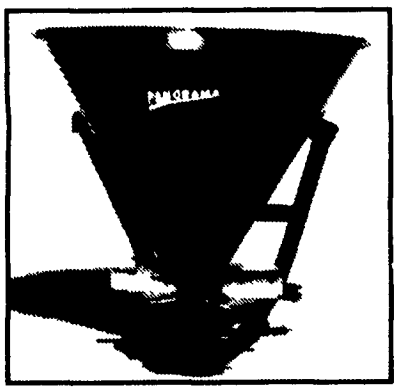
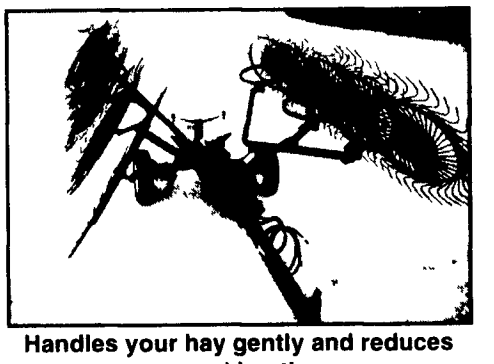


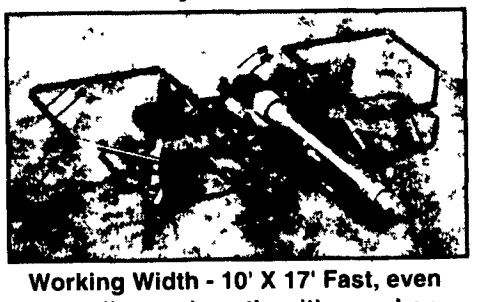
If you need to spread seed or fertilizer, this will do it.

## Wheel Rakes & Wheel Rake Carriers



Handles your hay gently and reduces your raking time.

## Hay Tedders



Working Width - 10' X 17' Fast, even spreading and gentle with your hay.

## Disc Mowers

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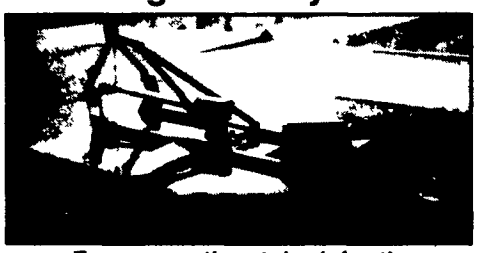

For a smooth cut, look for the Panorama mowers. 4' to 7' available.

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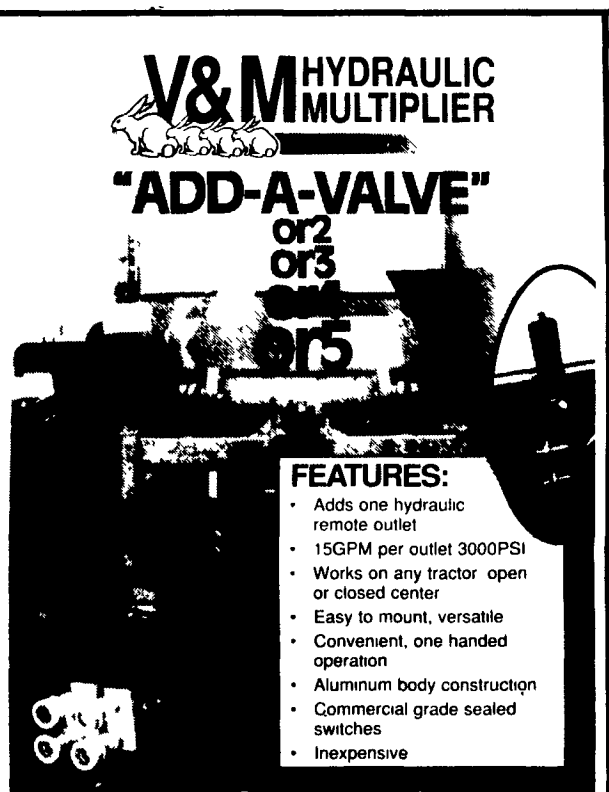

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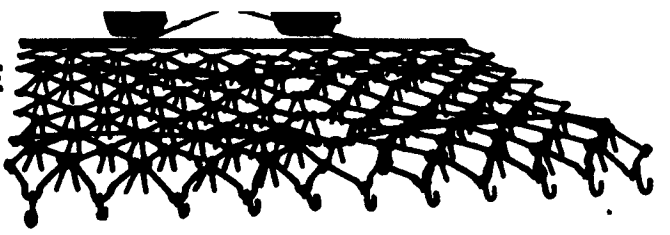

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# What's Happening On PA Dairy Farms

(Continued from Page 20)

The survey respondents estimated their cows averaged 17,476 pounds of milk per year. Only 12.0% of the herds averaged less than 14,000 pounds per cow. Higher milk production per cow is definitely common as 22.9% of the herds averaged more than 20,000 pounds per cow. More than half (51.7%) of the herds averaged between 16,000 and 20,000 pounds per cow.

Most dairy producers raise at least some of their feed. The farms responding to the survey averaged 222 acres of cropland and pasture. However, the median farm acreage was only 160 acres. The average farm size was significantly affected by several farms cropping at least 1000 acres. Over one-fourth (26.9%) of the farms had fewer than 100 acres. Only 12.5% of the farms were greater than 400 acres. A very small portion (0.6%) of the state's herds reported having no cropland and buying all feed for their cows.

Crop acreage on Pennsylvania dairy farms is divided evenly between corn and grass/alfalfa hay (Table 2).

Remaining acreage is generally made up of permanent pasture. The farms averaged 80 acres of corn, 77.3 acres of hay, and 25.7 acres of permanent pasture. Average farm acreage is significantly greater than median crop acres because of the number of farms that reported small acreage or no corn, hay, or permanent pasture acreage and by farms with large crop acreage. The importance of hay and corn are emphasized by the fact that only 6.1% and 4.2%, respectively, of the farms reported no corn or hay acreage. Permanent pasture is less important as 14.6% of the farms reported no pasture acreage and fully 39.0% reported 10 acres or less of permanent pasture. Grazing hay fields is not very common as 64.8% of the farms did not graze hay fields and only 13.8% grazed more than 20 acres of their hay fields.

Other crop acreage was minimal on most farms and was planted primarily to soybeans and small grains.

**Table 2. Average and median crop acreage on Pennsylvania dairy farms (1997).**

| Crop | Average Acres | Median Acres | Precent Reporting |
|---|---|---|---|
| Corn | 80.6 | 50 | 6.1 |
| Alfalfa/ Grass Hay | 77.3 | 50 | 4.2 |
| Permanent Pasture | 25.7 | 18 | 14.6 |

Summary: The survey results indicate a average herd size of 65.3 cows per farm and a median herd size of 52 cows. The state has many small herds with 25.4% of the farmers managing less than 40 cows. However, 74.6% of the herds are producing more than 16,000 pounds per cow. Most farms have a fairly even distribution of corn and hay. Median crop acreage is much smaller than average crop acreage. Only 61.0% of the dairy producers reported more than 10 acres of permanent pasture.

*Robert L. Parsons, Senior Research Associate*
*Dept. of Agric. Education and Rural Sociology*


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Kermit Martin Quarryville, PA
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H-2515 215.2 Bu./A
DK595 186.8 Bu./A
Rinaldi Farm Easton, PA
H-2515 173.1 Bu./A
P33V08 154.6 Bu./A

**H2390BT** 102 Day RM
Clear Meadow Farm Whitehall, MD
H2390BT 187.1 Bu./A
H-2382 180.3 Bu./A
P35N05 186.5 Bu./A
1997 - 98 Multi Location Data
H-2390BT 164.1 Bu./A
P37M81 152.0 Bu./A

**H-2581** 117 Days RM
Clear Meadow Farm Whitehall, MD
H-2581 208.9 Bu./A
DK-642 184.9 Bu./A
P3335 188.1 Bu./A

**H-2547** 112 Day RM
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DK591RR 164.4 Bu./A
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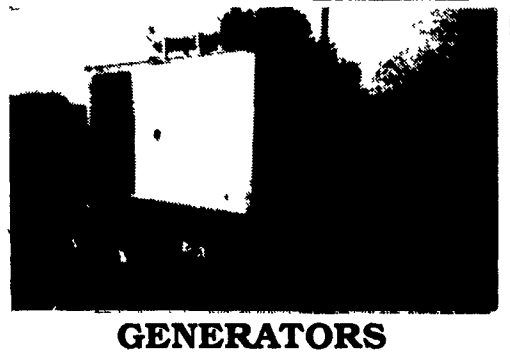

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# DFA, Suiza Foods Set Joint Venture

KANSAS CITY, Mo. — Dairy Farmers of America (DFA) President and Chief Executive Officer Gary Hanman recently said DFA joint venture with Suiza Foods Corporation expands DFA's ability to serve customers by increasing efficiencies and allowing the dairy marketing cooperative to actively participate in the restructuring of the dairy industry.

"This is an excellent opportunity for dairy farmers," said Hanman. "Suiza is focused on the future of the dairy food business. Dairy farmer members of DFA share Suiza's focus on the future. We are excited about the opportunity to work as a partner and supplier of milk and dairy products to a company that has become one of the nation's major dairy processors. This kind of relationship is a good example of how dairy farmers, through a united effort, can strengthen their market position and create long-term income opportunities."

The joint venture combines Suiza's regional business, with revenues of about $720 million, and DFA's Tuscan/Lehigh dairy operation, with approximately $500 million in annual revenues to create a regional milk bottling operation in the northeast with revenues of $1.2 billion.

DFA owns 25 percent interest in the joint venture. Suiza Foods Corp. owns 75 percent interest and will act as manager of the joint venture.

The businesses which Suiza contributed to the joint venture include: Garelick Farms' operations in Massachusetts, New York and New Jersey, West Lynn Creamery in Massachusetts, Fairdale Farms in Vermont, Grant's Dairy in Maine and Miscoe Springs in Massachusetts. DFA's Tuscan/Lehigh Dairies has plants in Fraser, New York, Union, New Jersey, Lansdale, Pennsylvania and Schuylkill Haven, Pennsylvania, serving markets in New Jersey, New York, Pennsylvania, Delaware and Maryland.

Dairy Farmers of America is a dairy marketing cooperative that markets milk for 22,000 dairy farmer members in 43 states. DFA supplies milk to bottling and manufacturing plants that produce a complete line of dairy products and food components for consumers in the U.S. and around the world.

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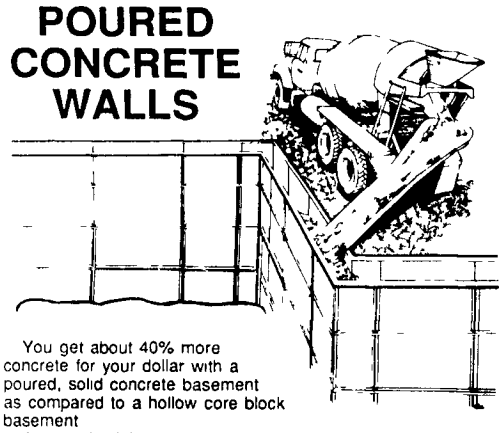

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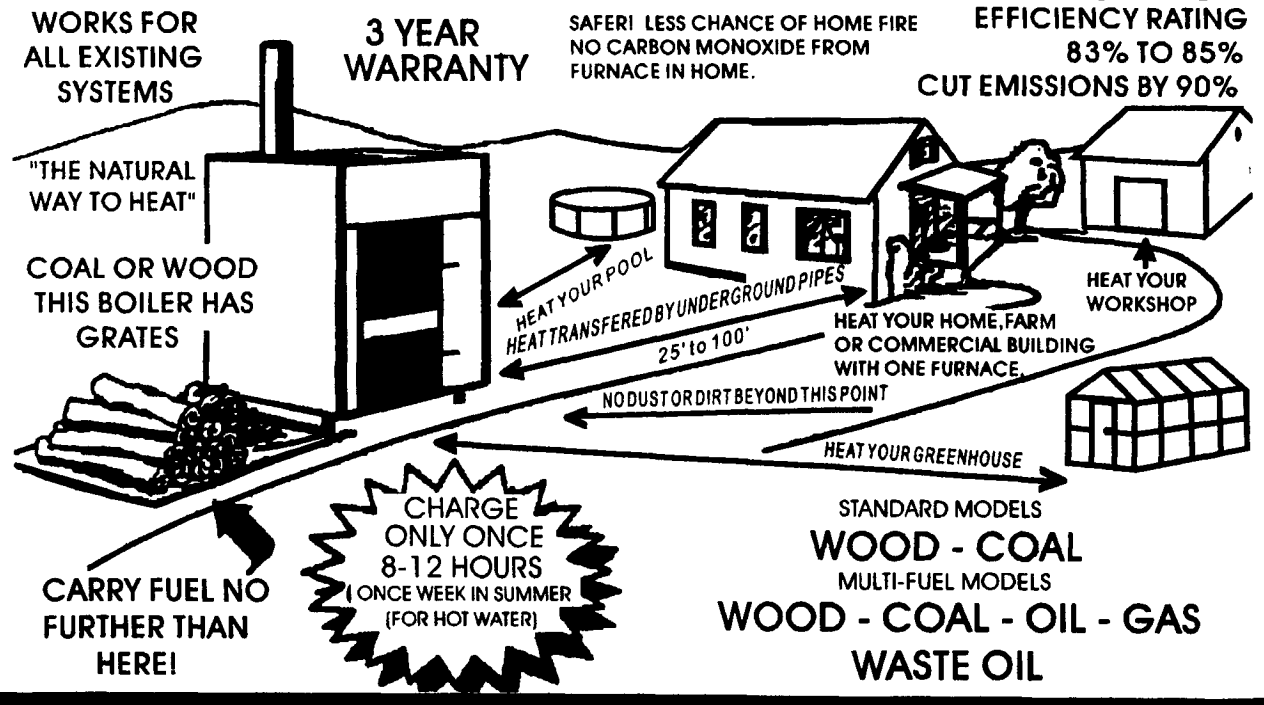
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# Agricultural preservation Board Approves Farmland

HARRISBURG (Dauphin Co.) – Agricultural Secretary Samuel E. Hayes Jr. announced that the Agricultural Land Preservation Board has approved easement purchases for 22 farms across the commonwealth.

"The enrollment of these farms demonstrates Gov. Tom Ridge's commitment to the preservation of Pennsylvania's strong agricultural heritage and traditions," said Hayes, who chairs the board.

Created in 1989, the Pennsylvania Agricultural Land Preservation Board is responsible for the oversight of the State Farmland Preservation Program. The program allows the state and counties to purchase development rights, referred to as easements, to guarantee that farms will remain as agricultural land.

Including eight county-owned easements accepted recently, the Farmland Preservation Program has protected 1,044 farms in 41 counties, encompassing 130, 596 acres.

Following is a list of the 22 properties, including owner, municipality, acreage, and purchase coat.

**Chester County**

•Gottlieb and Marie D Strohmailer, Lower Oxford Township, 137 acres, $467,558.

•Edwin and Nancy Petit deMange, Lower Oxford Township, 137 acres, $444,735

**Cumberland County**

•Ray E and Jean L Thrush, Southampton Township, 119 acres, $225,000

•Josephine L Bream, Penn Township, 174 acres, $304,370

•Lewis R. and Thelma R. Fink, Dickinson Township, 276 acres, $420,519

•Charles J and Ruth M Heckendron, West Pennsboro Township, 78 acres, $117,731.

•Lowrie F. Smith, Penn Township, 113 acres, $172,066.

•William O and Beverly J. Stum, Penn Township, 150 acres, $262,500.

**Lakawanna County**

•John and Christine Fron, Scott Township, 70 acres, $116,691

**Lancaster Co.**

•Fawn Grove Associates, East Drumore Township, 163 acres, $335,000.

•Douglas L. Hawthorne, West Donegal and Conoy townships, 195 acres, $475,054.

•Noah W. and Barbara Ann Wenger, West Cocalico Township, 107 acres, $298,000.

•Robert B. Wentworth, Drumore Township, 147 acres, $200,430.

**Lycoming Co.**

• Doris Ulrich Farm No. 1, Washington Township, 75 acres, $60,409.

•Doris Ulrich Farm No. 2, Washington Township, 68 acres, $55,161.

**Monroe County**

• William and Larry Altemose, Chestnuthill Township, 138 acres, $470,000.

**Montgomery Co.**

•Robert D. Varner, Upper Providence Township, 30 acres, $356,520.

**Montour County**

• Eugene and Catherine Billhime, West Hemlock, 134 acres, $13,423.

**Northumberland Co.**

•Gary E. and Kelly L. Truckenmeiller, Delaware Township, 113 acres, $90,606

**Westmoreland Co.**

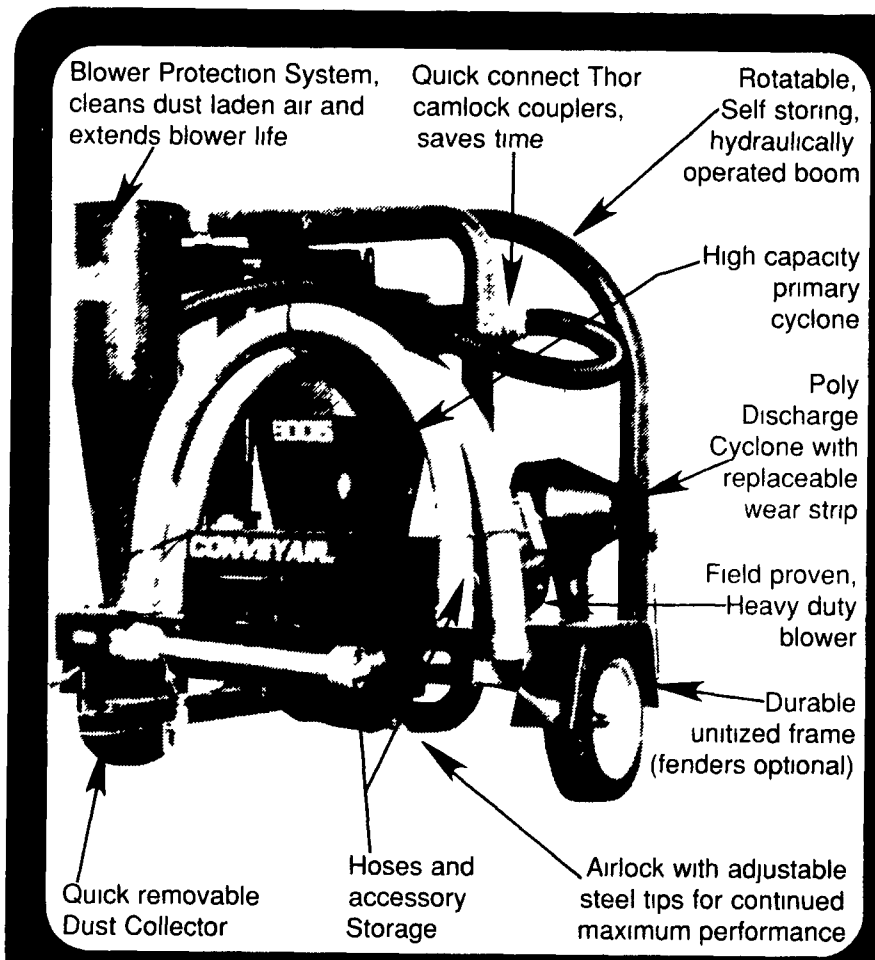
•Charles and Betty Lou Carr, Salem Township, 152 acres, $304,908

•Dennis E. Conrad, Judy C Myers and Sandra M Shaull, Chanceford Township, 228 acres, $318,663.

**York County**

•J. Eisenhour, et al., Warrington Township, 151 acres, $180,784.

DennisE.Conrad, Judy C. Myers and Sandra M. Shaull, Chanceford Township, 228 acres, $318,663.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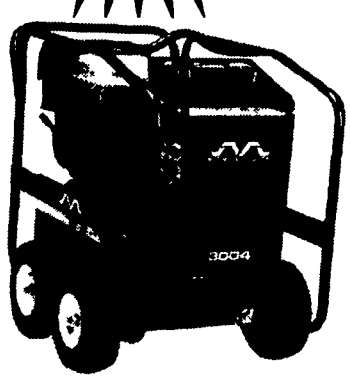

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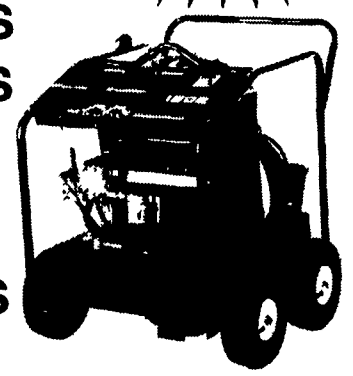

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# Dairylea Co-op Expresses Gratitude For Compact Bills

SYRACUSE, N.Y. – Dairylea Cooperative leadership this week commended lawmakers of both the New York State Senate and the New York State Assembly for recent passing of legislation authorizing New York to join the Northeast Dairy Compact.

Additionally, the Cooperative leadership expressed gratitude to New York Gov. George Pataki for bringing the Compact to the forefront of legislative issues.

"We have taken a major step forward in obtaining this measure of price and income protection for New York dairy farmers, which is already enjoyed by dairy farmers in the neighboring New England states," said Dairylea President Clyde Rutherford.

"We applaud the actions of our legislators and the Governor and thank them for listening to our concerns about the future of dairy farming in the state," he said.

The Northeast Dairy Compact is a formal agreement among the six new England States, enacted through state legislation and approved by Congress. It allows for the creation of a commission that has the authority to regulate the price of fluid milk in the region.

The purpose of the Compact is to assure the continued viability of dairy farming in the Northeast and to assure consumers of an adequate, local supply of pure and wholesome milk.

The action by the New York Legislature authorizes New York to join the existing Compact, which has been in operation since July 1997.

"Dairylea and other major cooperatives and farmer organizations have been working diligently this entire year to gain legislators' support of the Compact," said Rutherford. "We are gratified by the result of our collectible efforts. This illustrates what can be accomplished when the industry works together."

While Gov. Pataki has indicated he will sign the legislation into law, Rutherford said additional work must be done, as Congress must give its consent before New York can join the existing Compact.

"Our focus now moves to Washington, where we already have been having discussions with key Congressional leaders on the importance of New York joining the Northeast Compact," said Rutherford. "As cooperatives and other organizations continue working together on behalf of New York's dairy farmers, we are optimistic on getting approval from Congress."

In addition, Rutherford said efforts will be intensified to persuade Pennsylvania lawmakers to pass Compact legislation in that state.

"New York, Pennsylvania and New Jersey are all part of a common milk shed serving the largest consumer market on the East Coast. With New York and New Jersey already positioned to join the Compact, it is very important that dairy farmers in Pennsylvania have the same income safety net as their neighbors to the north and east," he said.

Dairylea Cooperative Inc. is a Syracuse-based, agricultural service organization, cooperatively owned by more than 2,600 dairy farmers located throughout the Northeast. It markets 5 billion pounds of milk annually and participates, and is invested, in a milk marketing network stretching from Maine to Maryland to Ohio. Additionally, Dairylea — through its subsidiary, Agri-Services, LLC – provides a wide array of insurance, lending and leasing investment, buying and risk management services for dairy farmers.

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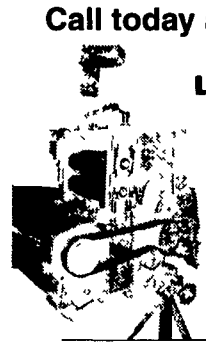
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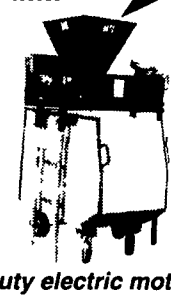
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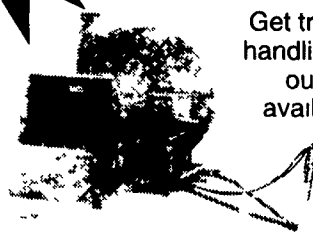
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# SATURDAY, FEB. 13 ISSUE

*Pennsylvania Forage and Grassland Council*

## FORAGING AROUND

*'Industry, Farmer, Scientist — Working Together Toward A Sounder Grassland Program'*

# 1999 PFGC SUMMER NEWSLETTER

**THIS SPECIAL ISSUE WILL FOCUS ON HAYMAKING AND EQUIPMENT**

- PA Grazing & Forage Conference Coverage
- Farm Features
- Research Data
- Calendar of Events
- People and Organizations
- Advertising Messages

- **PFGC News Columns**
- ***President's Corner***
- ***Spokesperson Feature***
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FORAGING AROUND

*'Industry, Farmer, Scientist — Working Together Toward A Sounder Grassland Program'*

### *Striving For Quality? Take It Easy On The Hay, According To Halifax Producer*

ANDY ANDREWS
Lancaster Farming Staff

HALIFAX (Dauphin Co) — Don t over rake it. Don t beat it. Get it baled dry enough and as soon as possible

Above all to get good hay, you have to feed it.

Fertilizer pays It doesn't cost you, said Joel Steigman, who farms 250 acres at two separate sites below Broad Mountain near Halifax

Steigman took home champion hon ors in Class 4 alfalfa grass mixed later cutting field dried, at the 1998 Hay Show dunng this year's Ag Progress Days.

All the alfalfa hay on the farm was topdressed with 0 15 30, in addition to soil testing recommendations where needed according to Steigman An important ingredient for champion hay, besides good soil tilth and pH, is the use of manure

Steigman applies layer manure to the fields as needed "I soil test all the time," he said

He applies manure from 40-some head of feeder cattle, in addition to chicken manure, which is worked into the soil on a rotation He maintains some cows and calves and buys feeders

(Turn to Page 2)



Joel Steigman took home champion honors in Class 4, alfalfa grass mixed, later cutting, field dried, at the 1998 Hay Show during this year's Ag Progress Days He also maintains test plots of new alfalfa varieties on his farm. About seven acres with six different varieties are kept at the farm The test plots are looking at the correct seeding rates for the hay *Photo by Andy Andrews*



Dave Hartman, Penn State forage specialist, right, shows the long root structure of a new type of hybrid grass while Bucky Ziegler, Milton, looks on. Find out more about the hybrid grass on page 16.

Lancaster Farming

Pennsylvania Forage & Grassland Council

Newsletter Section October 24, 1998

### PRESIDENT'S CORNER

PAUL H. CRAIG
Pennsylvania Dept. of Ag
Nutrient Management

Did you know that Pennsylvania is the 10th largest producer of hay in the United States? I didn t!

Based on results from the Pennsyl vania Crop Reporting Department on an annual basis, Pennsylvania pro duces 4 7 million tons of hay on nearly 2 1 million acres

Alfalfa is the state s largest single forage crop, making up slightly more than 800 000 acres and more than one half the total hay production In addi tion to hay production there are more than 2 3 million acres of pasture in Pennsylvania.

The forage industry is a major agri cultural enterprise in Pennsylvania and the northeastern United States. About 60 percent ($1 9 billion ) of the total cash receipts from the sale of agricul tural products in Pennsylvania are de rived from meat and milk sales In Pennsylvania there are approximately 720 000 milk cows, 216 000 beef cows and 134 000 sheep Forage crops constitute the major feed component in the diet of these animals, making for ages the backbone of Pennsylvania s agriculture and rural economy

In addition, forages are environ

(Turn to Page 4)

### FARM CALENDAR

**Tuesday, November 17**

Quality Forage Conference, Holiday Inn and TGIF, Williamsport

**Tuesday, December 8**

Mid Atlantic Crop Management School Princess Royale Oceanfront Hotel and Conference Center Ocean City Md , thru Dec 10

Dairy Feeding Systems Conference Radisson Penn Harris Hotel and

(Turn to Page 6)

# Associations To Host Joint Convention

ELLICOTT CITY, Md. – Next year the Ayrshire Association and the Brown Swiss Association will break new ground in Maryland as they jointly host a 1999 national convention for both breeds

"Maryland - Where Breeds Combine" is the theme of the first-ever combined breeds convention, to be held at Turf Valley County Club in Ellicott City.

The combined convention will put Maryland breeders in the spotlight. "They'll be looking for us to be a role model," said Becky Long Chaney, who along with Martha Clark is co-chair of the 1999 joint National Ayrshire and Brown Swiss convention.

Separate histories of the Ayrshire and Brown Swiss breeds in Maryland are being compiled for the 1999 convention. Breeders and descendants of breeders in Maryland are being asked to submit the following information to make the history books as thorough and interesting as possible: family name and numbers, farm name, location, a brief description of the farm and cattle to include fairs shown at, top cows, awards, etc., and at least five but not more than 10 photographs of family members with the breed.

Also requested are personal recollections of interesting unique, funny, or even tragic stories related to dairying or certain special cows. All photos will be returned.

The deadline to send in materials is approaching.

Please address all material to Becky Long Chaney at 2047 Dennings Road, New Windsor, MD 21776. For more information call (410) 775-7041.


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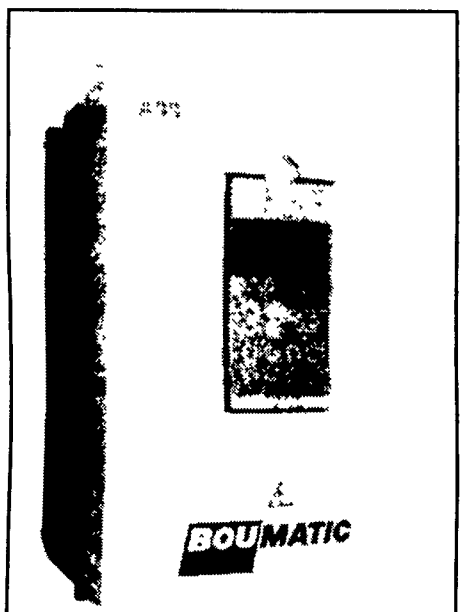


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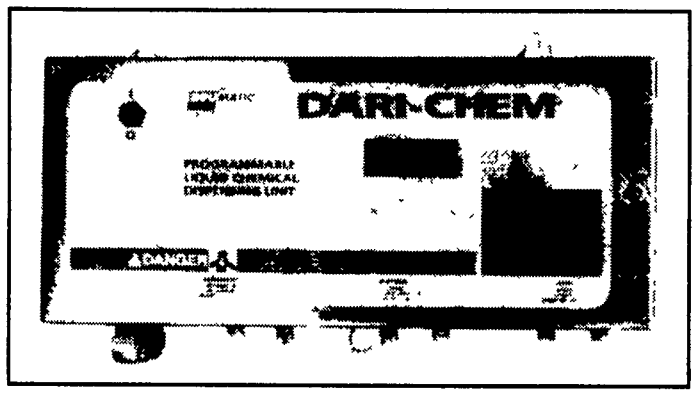


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# Farmland Establishes First-Ever Hog Price Floor

KANSAS CITY, Mo. – In an unprecedented move to support pork producers who are facing the lowest hog prices in four decades, Farmland Industries, Inc., announced today that it has established a first-ever price floor for market hogs it purchases.

The Kansas City-based farmer-owned cooperative, which runs the sixth-largest pork processing operation in the country, said effective today, it will pay a base price of no less than $15 per hundredweight for market hogs that meet the weight and quality specifications of Farmland Foods. Producers eligible to receive this price, which becomes effective Tuesday, Dec. 22, 1998, are those who sold hogs to the farmer-owned cooperative between Sept. 1, 1997 and Dec. 19, 1998.

"We are deeply concerned about the farmers who supply us with market hogs," said Gary Evans, Executive Vice President and Chief Operating Officer, farmland Meats Group. "Establishing a price floor is an essential step to help our farmer-owners through one of the toughest economic periods in the history of the pork industry. This price floor is proof positive that Farmland is "Proud to be farmer-owned®."

Evans said the concept of establishing a price floor was developed after the cooperative's leaders studied several ideas put forth during their annual meeting two weeks ago in Kansas City. Farmland typically buys hogs at competitive prices, markets pork products under the Farmland® brand, and then pays out its profits to livestock producers and local cooperatives in the form of patronage refunds

"With some recent reports of producers receiving less than $10 per hundredweight for market hogs, we felt compelled to take this step to help producers contain their losses until the backlog of hogs can be moved through the country's pork processing facilities," Evans said. "Because we are the nation's only producer-owned pork processor, we felt a moral obligation to attempt to provide assistance to our producers," Evans added. Farmland will continue to monitor the hog market situation and evaluate the need for this floor on a weekly basis.

The pork industry is experiencing a highly unusual glut in the number of hogs that are ready for market. Despite strong consumer demand for pork, there simply are too many hogs in the production pipeline for processing plants to keep pace, said Harry Fehrenbacher, a pork producer from Effingham, Ill.

"We recognize that a price floor is not the total solution," said Fehrenbacher. "Nevertheless, for hundreds of producers it could mean the difference between staying or leaving the pork business."

Evans said Farmland's four packing plants and nine processing facilities are operating at complete capacity and are expected to process more than 8 million hogs this year, about 15 percent more pork than the previous fiscal year The packing plants are located at Crete, Neb Denison, Iowa, Dubuque, Iowa, and Monmouth, Ill

"We need a stable supply of high-quality hogs over the long haul," said Evans 'If this helps producers weather the economic storm, then we're doing our job Evans said farmland already has instructed its hog buyers to incorporate the price floor meanwhile, Farmland will be notifying pork producers in a special letter that will be issued this week


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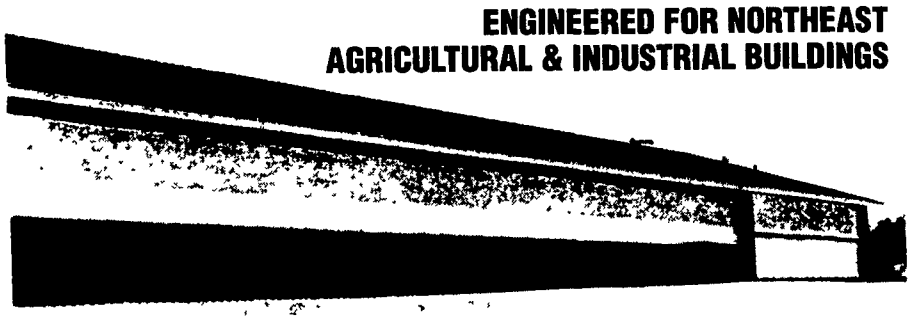

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# Hoof Health Month In February

PARSIPPANY, N.J. — Initiated in a joint effort by Roche Vitamins Inc. and the Hoof Trimmers Association, Inc., February has been designated Hoof Health Month for the dairy industry.

Hoof Health Month was created to generate awareness of and focus attention on the importance of dairy herd hoof health management.

Hoof health has surfaced as a critical management issue in dairy operations in recent years both as a health and an economic issue. "By designating a specific month to focus on hoof health, we're hoping to create an industry-wide forum for discussion and awareness," said Will Seymour, senior professional services manager with Roche Vitamins. "And the Hoof Trimmers are the ideal partners for this effort. They are the professionals who are truly dealing with hoof health on a daily basis."

Roche Vitamins is a producer of biotin, a water soluble vitamin that has been shown to improve hoof integrity in cattle.

"It is exciting to see a company like Roche have the vision to address a problem like hoof health and do something that directly benefits not just the producers and veterinarians, but the whole industry," said Nichelle Martin, executive secretary for the Hoof Trimmers Association, Inc. "The hoof trimmers have been addressing this problem for a long time, so we hope Hoof Health Month will serve to educate the industry on this serious problem."

In addition to other planned educational activities, Hoof Health Month will be highlighted by the Hoof Health Conference in Modesto, Calif., Feb. 17-20.

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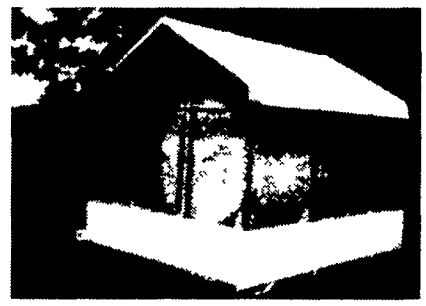

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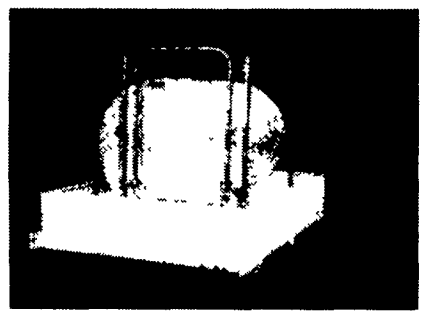

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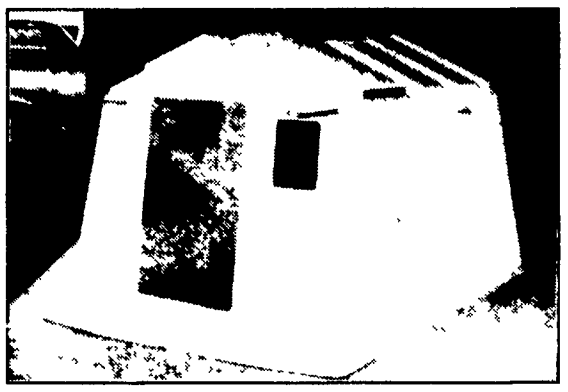
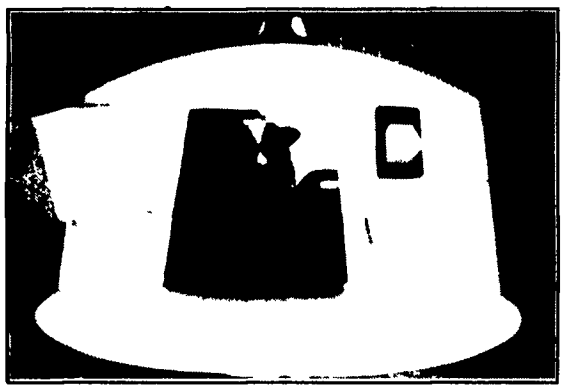
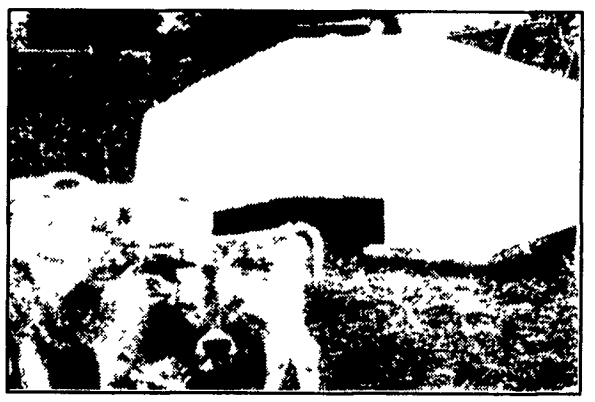


Poly Square Big Foot Calf Nursery (Opaque) 5 1/2'x8'

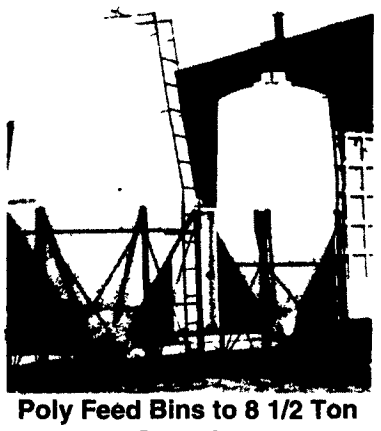


Large Poly Dome Calf Nursery (Transulcent) Great Winter Hutch.



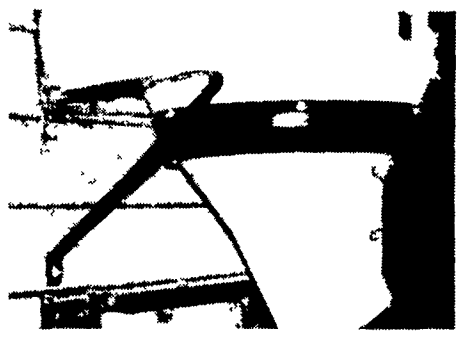
The Super Hut, all new model. Designed for 4 to 8 calves. Easy assembly. Can be expanded to 18'6" deep with 44" wide panels. Standard size 9'8"Wx7'6"Dx6'H w/5'x5' door opening.

*also: Foot Baths for cattle, feed carts, fish tanks for aquaculture*



Poly Feed Bins to 8 1/2 Ton Capacity

**ZARTMAN FARMS Is Northeast Distributor for Polydome East Wholesale or Retail - Call for Nearest Dealer**



Poly Dome Swivel Silo Chute Hopper

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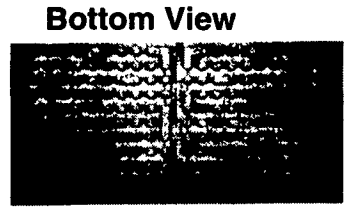
**48"x72" • 2 1/2" Thick**
**Uses Pa. reclaimed tire rubber to provide softness for cow comfort and long-term durability**

Bottom View



**48"x72" • 2 1/2" Thick**
**Features waffle bottom feet design for added softness & underside drainage.**

*Features:*

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- Excellent wearing surface
- Resists tearing
- No top cover needed
- Easy installation
- Improved surface design for better traction and bedding retention
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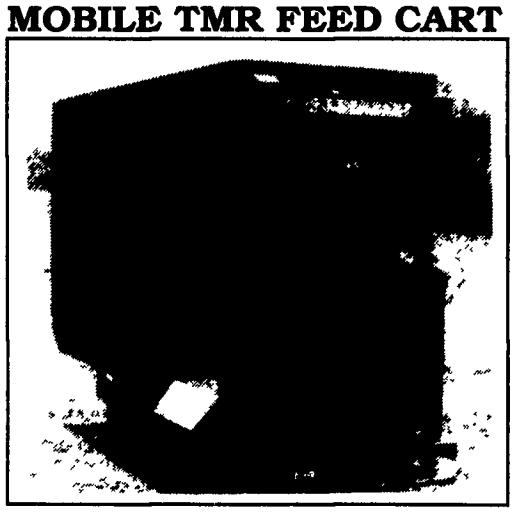
- Can easily be removed for cleaning
- Patent pending

*- Manufactured exclusively for Zartman Farms by Trafcon Industries, Inc. -*

*Installation & Financing Available*

### MOBILE TMR FEED CART



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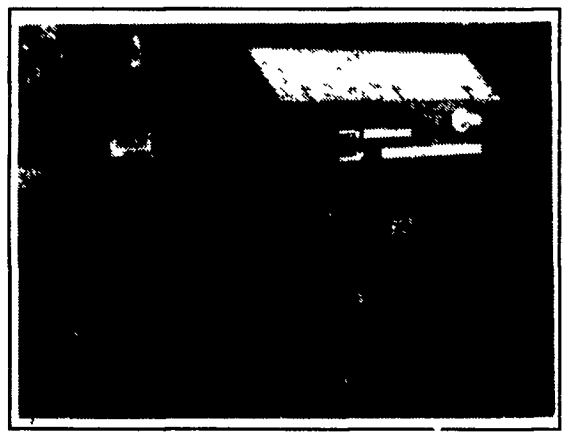

## ZARTMAN FARMS
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717-733-1050

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# Swapping Pork For Perch

PIKETON, Ohio – Farmers looking for an alternative to raising pigs or growing corn may want to give fish a try, said Chris Bennett, vice president of Bennett Fish, Inc.

"Traditional agricultural markets have become difficult to compete in, and I've heard of farmers raising ostrich as something different to sell. But there's not much of a market for that," Bennett said. "Fish are an excellent alternative because the existing market is strong and may of the wild fisheries are collapsing."

Bennett is one of many presents who will discuss aquaculture and the potential for Ohioans to become fish farmers at an "Aquaculture 101" workshop on Saturday, Jan. 16, from 9 a.m. to 4 p.m. at Ohio State University's Piketon Research and extension center in Piketon. Bennett's family has been in the fish business for nearly 80 years, primarily as commercial processors. He began raising fish as a hobby in 1992.

Most fish farmers in Ohio raise fish for pound stocking, but the demand to raise fish for food certainly exists, Bennett said.

For example, the demand for yellow perch in the Great Lakes region is about 11 million pounds per year. But only about 5 million pounds of yellow perch are caught from the Great Lakes each year. So wild fisheries supply less than 50 percent of the demand, and the rest is being supplied by imports from other parts of the United States and Europe, he said.

"There is a growing consumer demand for fish as the United States becomes a more health-conscious nation, and we need to produce product to meet that demand," Bennett said. "There is a void in the market for fish such as yellow perch, but few farmers have really commercially produced them yet."

Aquaculture is an opportunity for farmers to diversity their operations and supply a demand in the market, said Laura Tiu, aquaculture research and extension associate at the Piketon Research and Extension Center. Ohio has about 50 licensed fish producers, and only 10 of those raise fish full time.

The United States set a record in 1997 in seafood deficit, importing $7.3 billion of seafood and only exporting $2.7 billion pounds.The nation produces 19 million pounds of tilapia, a popular variety of fish, but imports 75 to 80 million pounds. The potential is there. Tiu said, Many of the fish Americans eat out of the ocean are either overfished or approaching overfished status.

"Aquaculture is the fastest growing segment of U.S. agriculture today, and I am constantly inundated with service and information requests about raising fish," she said. "That's why we decided to conduct the workshop, so interested people could learn how to get started, what the opportunities are and that we're here to help."

Topics that will be covered at the workshop are basic principles of aquaculture, site selection and pond construction, water quality and aeration, production methods, cage construction, recirculating systems, species selection, feeds and feeding, business planning, and marketing and processing.

We've done aquaculture research here at Piketon for about nine years, and hopefully the workshop will help us gauge what direction aquaculture in Ohio should go, "Tiu said. "If it is successful, we'll probably hold other workshops throughout the state in the future,"

Registrations for the workshop is $20, which covers handout and a catered lunch. The registration deadline is Jan. 8. The daylong workshop is sponsored by the Ohio State University's Centers at Pikeston, Ohio State University's School of Natural Resources, and the North Central Region Aquaculture Center at Michigan State University.

For more information about fish farming and the "Aquaculture 101" workshop, contact Tiu at (800) 297-2072 in Ohio only, (740) 289-2071 outside the state, or by e-mail (tiu.2@osu.edu). Information and registraion also is available. on-line (http://www.ag.ohio-state.edu/~prec).

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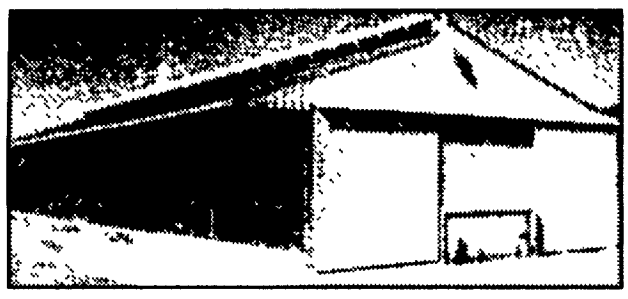
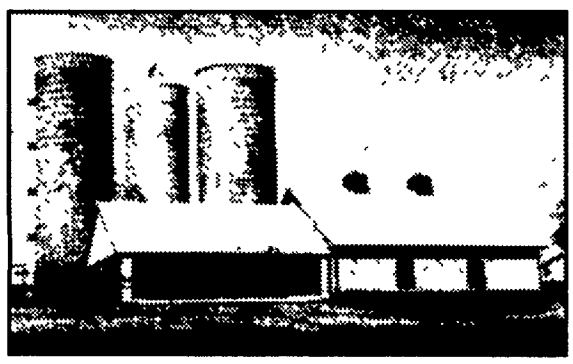
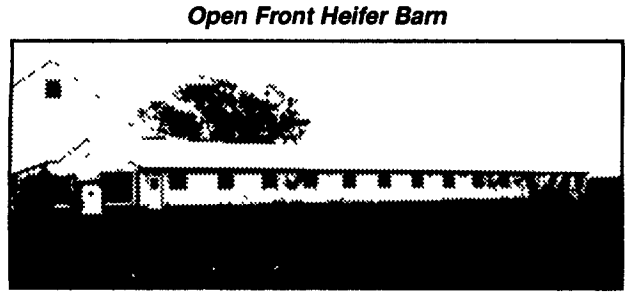


Open Front Heifer Barn



Dry Cow/Heifer Barn



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# CORN TALK

PENNSYLVANIA MASTER CORN GROWERS ASSOC., INC.

*Corn Talk, Lancaster Farming, Saturday, October 10, 1998*

## *PMCGA's First President A 'Student of Corn'*

**RANDY WELLS**
**Indiana Co. Correspondent**

DAYTON (Armstrong Co.) — Despite the relatively dry weather this summer in Armstrong County George Rumbaugh was able to walk into one of his corn fields near here on the first day of September and gaze up at the green stalks stretching well above his head. The ears had filled out nicely too, he noted, and he predicted his crop would probably yield 80 or more bushels per acre.

Rumbaugh probably knows as much about growing corn as any farmer in his county and perhaps the state. He had not only been growing corn but studying it for years when he was asked in the early 1970s to serve as the first president of the newly formed Pennsylvania Master Corn Growers Association (PMCGA).

George was a student of corn. He not only grew it, but he watched it to see how it reacted to weather and soil conditions, said Bill King, a retired Armstrong Penn State Extension Service agent.

Rumbaugh lives on the Wayne Township Armstrong County farm his great grandfather bought in 1857 and he lives in a 131 year old brick farm house along with a two lane blacktop that winds through the rolling farmland.

Eventually the farm was divided between his grandfather and his great uncles — In those days you could raise a family on 50 acres, Rumbaugh said — and today at age 76 Rumbaugh operates part of the original farm with his son David. Their 360 acre spread has about 260 acres of tillable land.

Rumbaugh was taking a critical look at his corn crops even before PMCGA was started. Rumbaugh along with extension agent King and Willard Kimmel another Armstrong County farmer conducted some of the first interval corn planting tests in the state.

Despite the conventional wisdom of that time that corn should not be planted before mid May, the three men started planting corn as early as mid April — six rows each of the same seed variety in the same field — and continued the weekly plantings through May. The results

(Turn to Page 15)

Lush, alternating contour strips of corn and hay swirl across much of the 360-acre Rumbaugh farm in eastern Armstrong County.

## *30,000 Could Be Corn's Optimum Population Rate*

**ANDY ANDREWS**
**Lancaster Farming Staff**

PEACH BOTTOM (Lancaster Co.) — Producers often seek that "optimum population rate." That rate is the amount of corn seeds to put down per acre

(Turn to Page 6)

In several planting demonstrations involving grain and silage corn, the optimum population rate could be 30,000 seeds per acre. The best stands were planted this year at that rate, according to Ed Herrmann, adviser to the Solanco Young Farmer Association.

## PENNSYLVANIA MASTER CORN GROWERS ASSOCIATION

### President's Message

**Chris Krimmel**
President, PMCGA

Another growing season is coming to an end — and it's been a very active spring and summer for the PMCGA and the NCGA.

The ethanol battle was won once again. Special thanks to all of you who took time to send a seed corn tag with your "Save Ethanol" message to your congressional leaders.

Because of our combined efforts ethanol production will use more than 600 million bushels of corn each year adding 4.3 cents per bushel or

(Turn to Page 13)

### CORN TALK Farm Calendar

**Tuesday, October 13**
Corn Silage Management meeting, Solanco Young Farmers Association, Solanco High School, 7:30 p.m.

**Tuesday, November 3**
Ag Service School, Meadville,

(Turn to Page 11)

A harvester demonstrated to the crowd At Ag Progress uses a rotating blade. See story page 14.

- GROWERS INFORMATION
- FEATURE INTERVIEWS
- STATE & NATIONAL ASSOCIATES NEWS
- PRESIDENT'S NEWSLETTER

# KEYSTONE FARM SHOW

# January 5th & 6th

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102 Weaver Distributing
103 PL Rohrer & Bros Inc
104 Lira Management
105 Telmark
106 The Schlueter Co
107-108 DeKalb
109 Ertel Sales Assoc
110 Schnupp Grain Roasting
111 TA Schmidt
112-113 Carl Neutzel
114 Amsoil
115 SUNY Morrisville
116 Shakaree Deer Farms
117 Soy Plus
118 Triple H Construction
119 Andgrow Fertilizer
120 Venture Products
121 JL Gossert & Co Forestry
122 Dry Hill Farms
123-124 Dairyland
125 Hoards Dairymen
126 Ruby s Sewing Etc
127 Carolina Seeds
128 York/Adams County Cons.
129-130 Holstein USA
131 Max-Flex Fence
132 Agri-Culver
133 Land O' Lakes
134 Renaissance Nutrition
135-136 Etron
137-138 CFC Distributors
139-142 Featherlite Trailers
143-144 K & E Auto Parts
145 Goodville Mutual
146-147 Mar Bar Tire Service
148 Barenburg Northeast
149-150 Empire Agri Systems
151 Successful Farming
152 Pioneer Hybrids
153-154 N-Tech/ Uebler
155 Ecolab/ Klenzade
156 Select Sires
157-158 Kifco
159 Ft Dodge Animal Health
160 Brubaker Agronomic Con
161 TAM Systems
162 Agr Evo USA
163-164 Glenwood Metals
165-166 Agri King
167-168 Cargill Hybrid Seeds
169 Stine Seeds
170 Messick Farm Equipment
171-172 Albers Dairy
173 Biovet

**East Wing Floor Areas**
174 CB Hoober
175 Farmway Agri Products
176 Ag Wrap
177 Gehl Co
178 Binkley and Hurst Bros Inc
179 Hoffman Seeds
180 Wertz
181 Kingsway Mfg
182 Steiner Turf
183 Berg/Bennett
184A Hershey Equipment/ GSI
184B Vermeer
185-186 Miller Pro
187 Messick Farm Equipment
188 Polydome
189 Saylor Industries
190 Ryder Supply

**Memorial Hall West Wing**
200-201 Nutrient Solutions in Ag
202-203 Gro Mor
204 Accelerated Genetics
205 Keystone Concrete
206 Animal Medic
207-208 Advanced Skin Tech
209 Sire Power
210 Metz Sales Inc
211 Progressive Pressure Systems
212-213 Mycogen Seeds
214 Hoechst-Roussel Vet
215 Miller Diesel
216 Genex Cooperative
217-218 J B Zimmerman
219-220 Dyna Tech Ind
221-222 Farm Credit of PA
223 Musser & Associates
224 Taurus
225-227 Sollenberger Silos
228-229 Chemgro
230-231 Tee Jet Northeast
232 Farmers First Bank
233 Dr Register
234-235 Snooks Equipment
236 Nebraska Alphalfa Mktg.
237 Farm Plan
238 USDA
239 Nationwide Insurance
240 Nationwide Insurance
241 Agri-Business Ins
242 Doebler's Hybrids
243 Lipha Tech
244 IBA
245 Semex
246-247 SI Distributing
248-249 Kipe Steel
250 NC + Hybrids
251 Easyway Cattle Care
252 Beachley Hardy
253 Monsanto
254 Farm for Profit
255 Orkin Ag Service
256 Seedway/Agway
257 Frank Walters
258 Norbco
259 Mid Atlantic Agri Systems
260A Chambersburg Farm Supply
260B Knight Mfg.
261 Hardi Mfg
262 Ag Chem
263 Norcan
264-265 Finch Hanover
266 Automatic Farm Systems
267 Cedarcrest Equipment
268 GVM
269 MM Weaver
270 Paul B Zimmerman
271 Lapp Farm Equipment
272 Iowa Area Development Group
273 West Falia
274 Mirafount/ Gallagher
275 Cen-Pe-Co
276A Ag Bag International
276B Jay-Lor
277A Boumatic
277B Sibert Equipment
320 Cover-All Building Systems

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600 Hubner Seeds
601 Permo
602 Oneida County NY
603 Sweet Air Products
604 Alpharma Inc
605-606 Demuth Steel
607 Business Lease
608 Grotek, Inc
609 Nan-Jac Emu Farms
610 Nu-Pulse Inc
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612 Elanco Animal Health
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405 Eastern Region Dairy Farm
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408 Triangle Communications
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410 Pars, Inc
411 Magnet Paint
412 Heat Watch
413 Woodford Bros
414 Schering-Plough
415-416 Mensch Mfg
417 Alaska Stoves
418 Agri Basics
418A ABS
418B Annville Equipment
418C Deep Valley Farm
419 Fertrell
420 Farmer Boy Ag
421-424 Monsanto
425 Nasco
426-427 EZ Hutch
428 Conewango Products
429-430 Conklin
431-433 Farmaster / Zimmerman
434 Cummings & Bricker
435 J-Star
436 CU Stoltzfus
437A Farmersville Equipment
437B Better Built
438A Zimmerman Mfg.
438B Hamilton Equipment

**Horticultural Hall**
500 Deer Creek Equipment
501-502 Hearnley Equipment
503 Lebanon Valley Enterprises
504 Keenan USA Inc
505 DMI
506 Manchester ACE Hardware
507A Northbrook Farms Inc
507B Ag-Chem, Inc
508A Penn Forklift
508B M & W
509 Greenhouse Supply
510-511 Agway Ag Products
512 Aerotech
513-514 Calf-tel
515 Merial Ltd
516 Penn Diesel Service
517 AIRABLOW
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519 Lancaster Farming
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523 Agri Plastics
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525 Concepto Diagnostics
526 Tech Mix Inc.
527 Alta Genetics Inc.
528 Brandts Farm Supply/Surge
529-530 Linades
531 Pfizer Animal Health
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**Tuesday January 5:**
**10 am** Gary Strader: Zone Tillage Systems
**11 am** Dr. Hans Kok: Why Conservation Tillage?
**Noon** Dr. Wayne Bugg: Roundup Ready Technology & Conservation Tillage
**1 pm** Steve Groff. No-Till; Cover Crops and Soil Quality
**2 pm** Jere Swarr: Overcoming No Till Problems

**Wednesday January 6:**
**10 am** Gary Strader: Zone Tillage Systems
**11 am** Dr. Hans Kok: Why Conservation Tillage?
**Noon** Steve Groff: No-Till; Cover Crops and Soil Quality
**1 pm** Jere Swarr: Overcoming No-Till Problems
**2 pm** Dr. Hans Kok: Why Conservation Tillage?

**The No-Till Conference will be held in the White Rose Room which is adjacent to the Old Main Building at the Fairgrounds.**

**No Fee & No Pre-Registration Necessary!**

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**For More Information on the Keystone Farm Show or any of it's activities please call 800-218-5586.**

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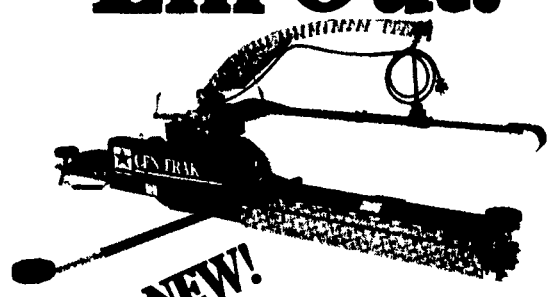

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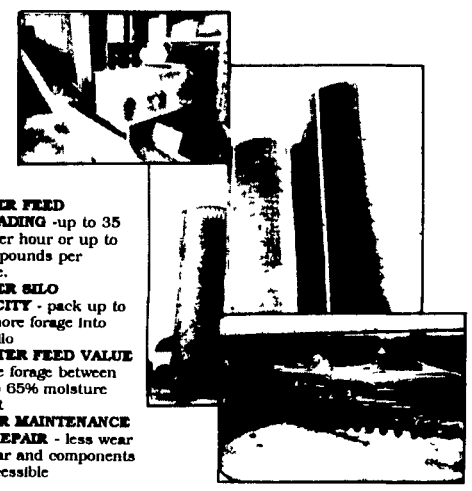

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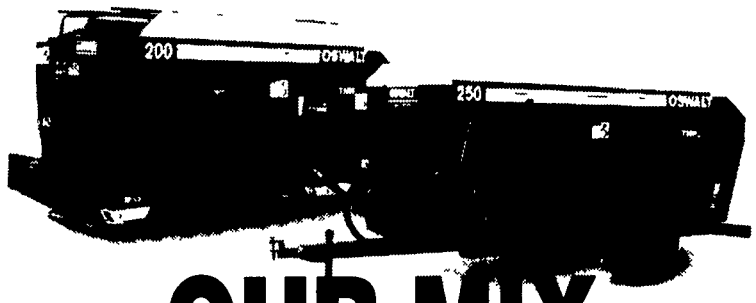


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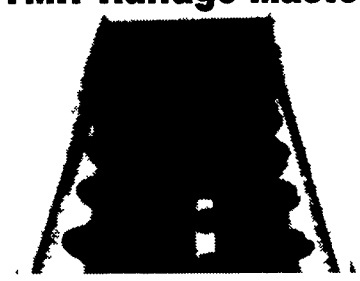

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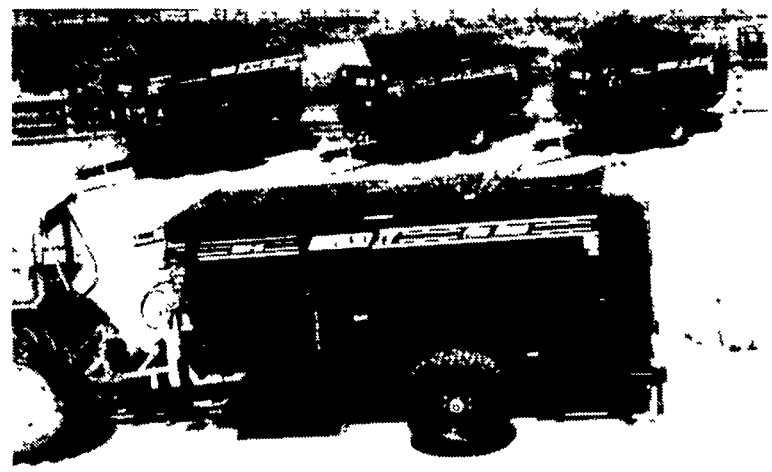

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# Farmland Conducts Meeting

KANSAS CITY, Mo. — More than 3,100 member-owners of Farmland Industries, Inc. met at Bartle Hall in Kansas City recently to review the cooperative's 1998 accomplishments and vision for the future.

In the general session, H.D. "Harry" Cleberg, Farmland president and CEO, reported Farmland sales of $8.8 billion for 1998. When including the third-party sales of $82.6 million cash to its member-owners, including the $50 million distributed in the cooperative's historic special equity redemption in March 1998. This brings the total amount distributed to member-owners throughout the cooperative's history to $980 million.

Although agriculture faces tremendous change, Cleberg said, Farmland and its member cooperatives and producers have more opportunity than ever before. "Difficult times are the times of the greatest opportunity," he said, reminding the cooperative's owners that Farmland was founded during the financially difficult year of 1929.

Cleberg also discussed the importance of positioning for the future. "The next 18 months will give us more opportunity than the past 18 years to evaluate alliances, ventures, acquisitions, and consolidations. We must be prepared to take advantage of the opportunities before us," Cleberg said.


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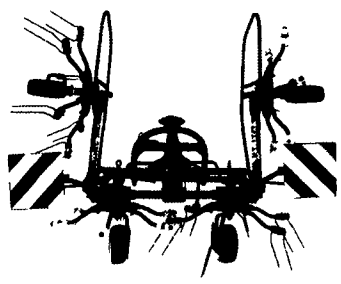

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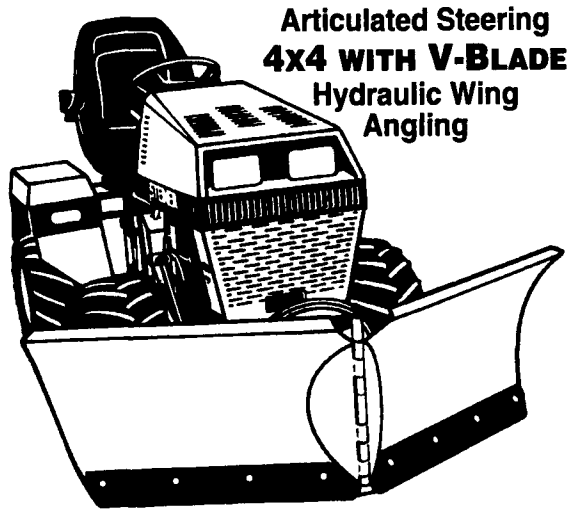

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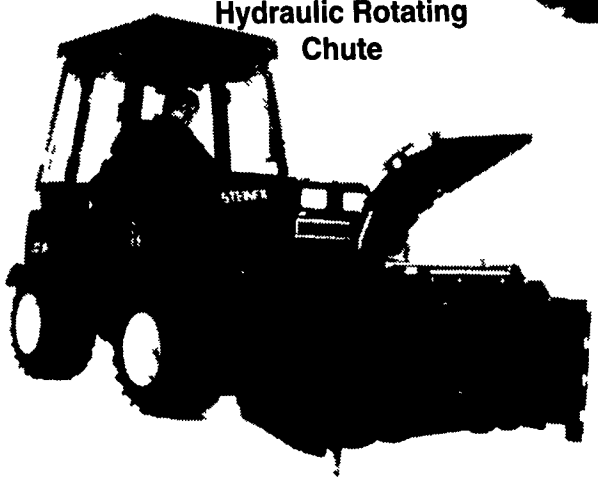

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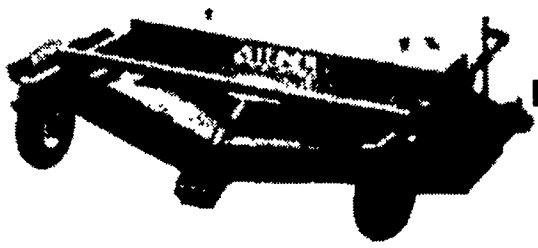

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# New Technologies May Advance Dairy Cow Reproduction

GEORGE F.W. HAENLEIN
Extension Dairy Specialist
University of Delaware

NEWARK, Del. — The greatest success story in the animal industry in the last 50 years is artificial insemination (AI), particularly of dairy cattle.

It has led to a phenomenal increase in milk production, from less than 10,000 pounds milk per cow per year average per herd, to exceeding 20,000 pounds.

In addition to AI, some dairy farms still have bulls, so-called "ketch-up" bulls, for the purpose of catching those cows that have not become pregnant with A.I.

Why? It's the nose!

Bulls can smell when and which cow is in estrus. People can only observe whether a cow is in estrus through change in her behavior.

However, estrous behavior is frequently missed because of incomplete observations or that some cows have "silent" estrus, especially on hot summer days. As a result, fewer than half of our dairy cows conceive when they should.

More cows are culled from a herd for reproductive failure than for any other reason. This situation leads back to estrus again and again, as reported from studies at the University of New Hampshire recently (Journal of Dairy Science 1998, 81:2299-2305), and points out why attention to estrus observation and detection can make great differences in dairy farm income and losses.

The technical industry has tried many devices and procedures to make estrous detection by people easier and more successful. Yet even the farms on which ketch-up bulls are found have a conception rate no better than 1 in 2 cows bred.

A method used for years is marker patches on the rump of cows. Pedometers attached to the legs of cows were developed to record the different levels of restless behavior on estrus days. Changes in milk and body temperature together with decreased feed intake and milk yield have been followed. Progesterone contents in milk have been tested.

One clever approach by Dr. Charles Kiddy of the Beltsville USDA Research Station was to train dogs to sniff and detect cows in estrus. That was 15 years ago.

These methods are neither simple nor reliable. Now, finally, there is new British research with an "electronic" nose!

Scientists, working with two groups of five and eight Holstein cows, used cotton swab to take samples from the cows' vulva. These samples were presented to a machine equipped with 12 electronic sensors to quantify the odors on different days during entire reproduction cycles of the cows.

It was discovered, for the first time (Journal of Dairy Science 1998, 81:2145-2150, that a strong correlation exists between concentrations of circulating reproductive hormones and quantities of different odors from the reproductive tract of cows.

This exciting news could mean fewer reproductive losses on United States dairy farms, because it would make estrus detection and accurate timing of AI possible, thereby significantly increasing fertility in cows.

Why is accurate timing of AI critical?

For successful conception, sperm from bull's semen straws, or ampules, must meet the cow's ovum at a certain optimum time. Otherwise there is one more cow bred but not pregnant.

From the time of actual AI until that crucial rendezvous time, the semen takes 8 hours to travel up the reproductive tract.

This illustrates why accurate timing of AI is so important, because the release of the ovum is independent of the act of AI; it happens at ovulation, which is related only to estrus and happens 24 to 32 hours after the onset of estrus.

Detecting estrus when it starts is critical, because the ovum does not wait. If the ovum becomes old (in terms of hours), it becomes a major contributor to a lower pregnancy rate.

New research using a large

(Turn to Page 40)

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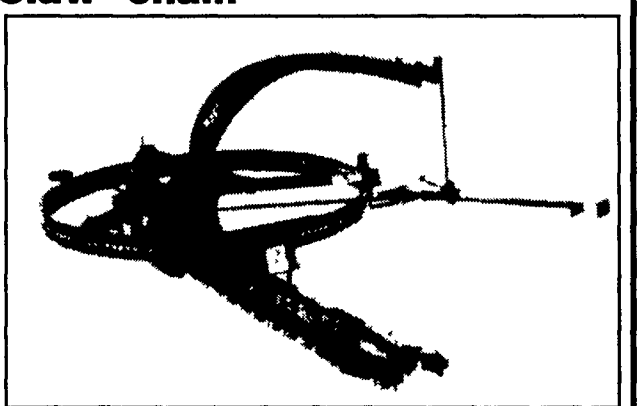

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# West Snyder FFA Receives National Emblem

BEAVER SPRINGS (Snyder Co.) — West Snyder FFA Chapter was recently named the "Model of Innovation" Chapter at the National FFA Convention in Kansas City, Mo.

The West Snyder FFA Chapter received this award when they were named as one of the top 10 FFA chapters in the United States out of 7,503 local FFA chapters.

The top 10 recognition came after being selected as Pennsylvania's first-place gold FFA chapter for an unprecedented fifth consecutive year in the National Chapter Award Program. The state judging took place in June 1998 at the Pennsylvania FFA Summer Convention at Penn State University.

The National Chapter Award program is based on the FFA Chapter's program of activities. It recognizes FFA chapters which focus on a wide variety of chapter activities in the student, chapter, and community development categories. Chapter projects provide citizenship, personal, and leadership development opportunities to students by giving them a chance to work with community leaders and organizations.

West Snyder Chapter representatives underwent an intensive interview process to determine the top FFA chapter in the chapter development and community development divisions. FFA members Maria Trego and Heidi Good completed a 15-minute computerized presentation to a panel of judges on the chapter development activities of the West Snyder FFA Chapter.

The highlights of the West Snyder Chapter Development activities include a chapter fund-raising program. The chapter sells citrus, barbecued chicken, and plants from their greenhouse in order to fund chapter activities. Last year, the chapter sold more than 1,700 halves of barbecued chicken. The members use these funds to attend the state and national FFA conventions as well as leadership development workshops.

The chapter officers conduct their own chapter officer camp where they develop their team building skills. The chapter has its own newsletter to keep the members and community informed about their activities. They are also very active in promoting agricultural education and the FFA during National FFA Week and Vocational FFA Week in February.

In the community development division, members Michele Fetterolf and Shane Eia presented a similar show to a different panel of judges on the community development activities of the West Snyder Chapter. The highlights of the community development activities included making Christmas ornaments for both the McClure Borough and Spring Township and interacting with elementary students for various programs.

One of these programs included the Food For America program where West Snyder FFA members explained to fourth grade students where their food came from and then took them on a tour of a local dairy farm. Another program included Project PALS where FFA members serve as mentors for the elementary students.

West Snyder FFA Chapter was commended for their Project PALS program and was asked to conduct two workshops at the National FFA Convention on their PALS program. The final elementary program was the FFA Conservation Day when FFA members teach the elementary students how to protect their environment. The last highlight of the community development program includes Project SAFE. West Snyder FFA Chapter conducted several safety programs for the community included the Midd-West Young Farmers and the elementary students.

Both teams of presenters from the West Snyder FFA Chapter wrote their own scripts and constructed their presentation using PowerPoint computer software. The West Snyder FFA chapter advisers are Cynthia Shaffer and Stephen Kline.

# New Technologies

(Continued from Page 39)

number of cows at the University of Wisconsin (732) studied the effect of accurate timing of AI on reproductive success (Journal of Dairy Science 1998, 81:2139-2144).

Cows were inseminated 0, 8, 16, 24 or 32 hours after synchronization treatment (gonadotropin hormone, 7 days later prostaglandin, 2 days later another gonadotropin), which produces ovulation 24 to 32 hours after that last gonadotropin treatment.

This is similar to the time of natural ovulation after onset of normal estrus, but nobody observes accurately when that natural onset occurs.

Thus, cows were inseminated 32, 24, 16, 8 or 0 hours before ovulation. This means that after 8 hours travel time, the semen had to wait 16, 8 or 0 hours before meeting the ovum, but at the last AI (0 hours before ovulation), the ovum had to wait 8 hours before the semen would reach it.

Pregnancy rates, pregnancy losses and calving rates were significantly worse for this last AI timing, 0 hours before ovulation, when the semen would reach the ovum 40 hours after onset of estrus.

The data suggested that the ideal timing of AI would be 16 hours after synchronization or 16 hours after natural onset of estrus, or 8 to 16 hours before ovulation.

In addition, more heifer than bull calves (6:4 ratio) were born after the two extreme AI timings, 32 and 0 hours before ovulation, which is also an interesting new finding.

Thus, estrus detection may soon become less elusive, and combined with timed AI after synchronization, may have great impact on dairy farm profitability.


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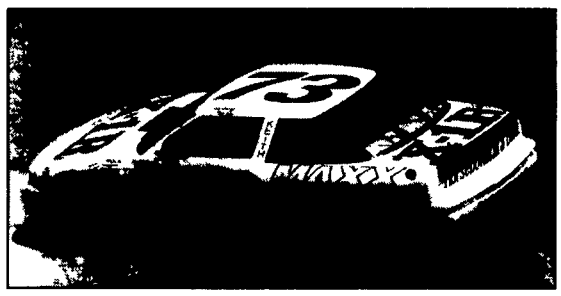
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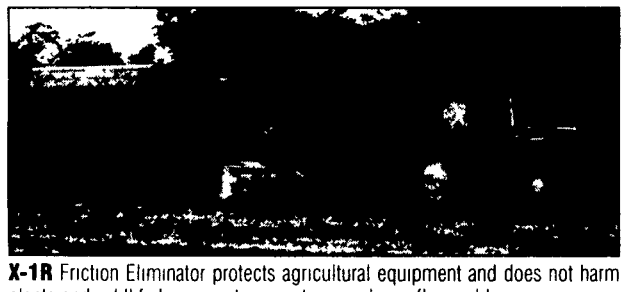
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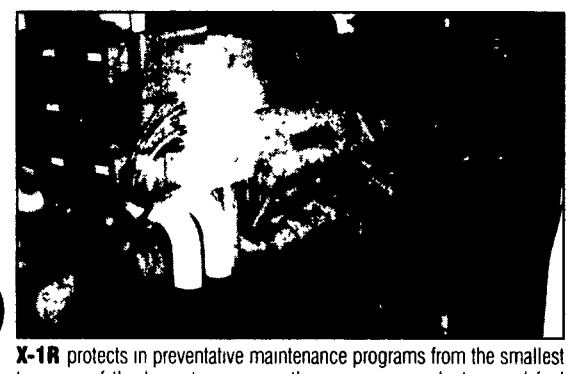
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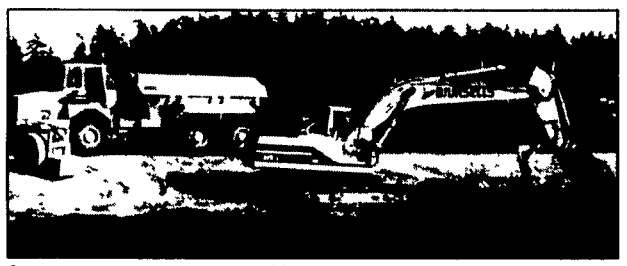
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# Biotechnology Has Potential To Feed World's Poor

BALTIMORE, Md. – Offering the potential to "customize" plants for local growing conditions, biotechnology can increase crop productivity and improve nutritional value to help feed the world's poor.

But the poor won't benefit unless the public sector strengthens agricultural research internationally, especially in developing countries, according to Dr. G.H. Toenniessen, deputy director of agricultural sciences for The Rockefeller Foundation.

"That (research) system must focus on crops of importance in marginal land areas and on traits of importance to poor farmers," Toenniessen told the October 18-22 annual meeting of the American Society of Agronomy (ASA), Crop Science Society of America (CSSA), and the Soil Science Society of America (SSSA) at the Baltimore Convention Center.

The challenge in helping the world's poor is to focus biotechnology on the rural, marginal land areas, according to Toenniessen. People in these areas are poor because their land is not suitable for intensive crop production, and they scratch out a living without irrigation, fertilizers or places to sell any surplus from their farms.

"The solution will not occur in the United States because food production here is already generating surpluses that the world's poor are unable to access," said Toenniessen. he added that the solution will not necessarily come from prime growing grounds of developing countries either.

Using India as an example, Toenniessen said it is a net exporter of cereals, yet its rural poor lack the money to buy the grains and, therefore, do not benefit from advancements that occur in prime growing areas.

Toenniessen maintains that the "Only real solution" is to increase production and efficiency of crops grown by poor farmers, crops in marginal areas are often ignored by the private sector because they lack potential for profit.

He said one success story is rice biotechnology, where $80 million invested over the last 10 years has developed successful varieties for developing countries.

Toenniessen cited success in manipulating carotenoid biosynthetic pathways in crops in order to increase production of beta carotene—a source of provitamin A. Vitamin A deficiency is a serious problem in developing countries, but increasing the vitamin for human consumption has received little attention. On the other hand, he said, similar work in crops for animal feed has flourished.

According to the speaker, market forces—the potential for sales and profits—motivate private research. he said the public sector—primarily governments will have to take up the challenge to enhance the nutritional value of food for humans. he pointed out efforts to manipulate gene structures to deliver more iron, since some 2.5 billion people worldwide are iron deficient.

He said crops also need to be developed to endure stresses of drought, flood and cold—as well as resist disease and insects in these marginal areas.

Public research will improve "orphan crops"—a catch-all term for crops that don't receive attention in the commercial market. Crops such as cassava (a root crop), chickpeas, sorghum and millet are important in areas where rice, wheat and maize can't be grown.

Funding and "intellectual property rights' are two major challenges to publicly-supported research centers, according to Toenniessen.

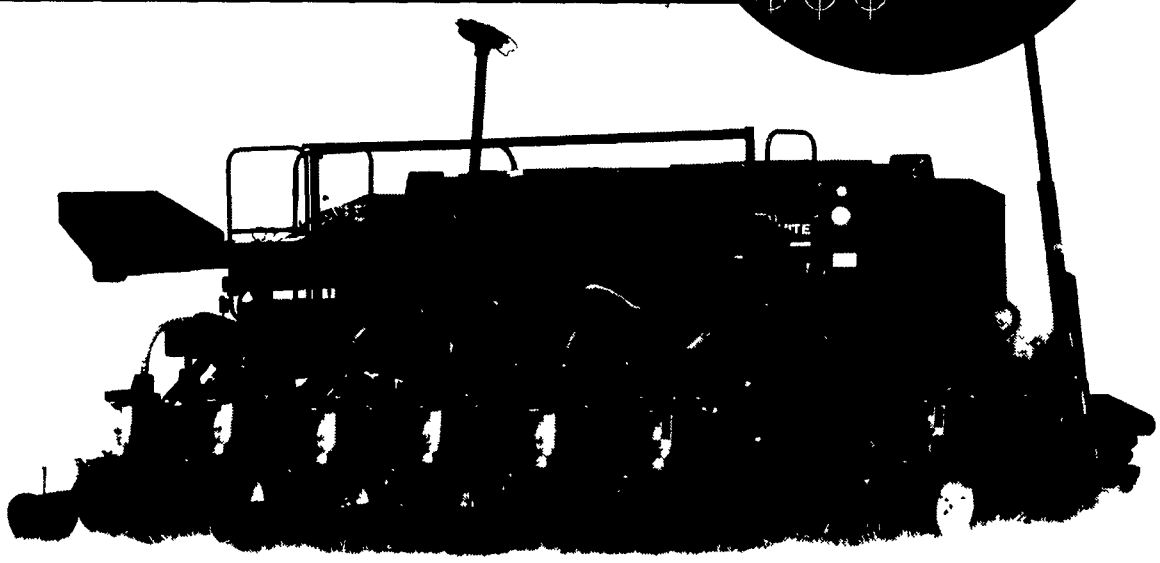
Not only do public institutions need to fund their research, they are increasingly faced with additional costs in acquiring the rights to use certain developments.

He said the former free exchange of information is now inhibited when companies and institutions take out intellectual property rights on their discoveries. the information is no longer shared unless agencies pay for them or guarantee that the information will be confined to research.

International research centers need to produce varieties that will go into commercial production to feed people and be sold in local markets, Toenniessen said. The question is whether public institutions will have legal rights to the technology.

KEYSTONE FARM SHOW


The Precision Of White, The Ease Of Central Fill.



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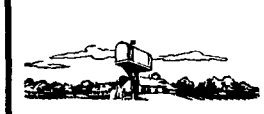

# Northeastern Farm Credit Elects Directors

LEWISBURG (Union Co.) — Northeastern Farm Credit stockholders elected directors for a new term.

Following the annual stockholder meetings on Nov. 5, director ballots were mailed out to voting stockholders. On Dec. 2, a Tellers Committee convened at the Lewisburg administrative offices to count the ballots.

Three directors were elected, each for a one-year term beginning Jan. 1 for the AgChoice Farm Credit association, the association formed from the consolidation of Northeastern, Penn West, and York Farm Credit associations, which becomes effective Jan. 1.

Donald G. Cotner Jr., Danville, is completing his 16th year on the board representing the Lewisburg Division comprised of Union and Northumberland counties. He is the president of Cotner Farms, Inc. and a partner in Don Cotner Farms.

Douglas W. Lawton, Wellsboro, is completing his ninth year on the board representing the northern region comprised of Tioga, Elk, Potter, Cameron, and McKean counties. He owns a dairy and raises grain.

Charles F. Ulmer Jr., Cogan Station is a new director-elect to the board and will be representing the Montoursville Division comprised of Lycoming and Clinton counties. He owns a dairy.

"These men have been elected by their peers to serve the interests of their fellow farmers and the members of not only Northeastern Farm Credit, but AgChoice Farm Credit, as well. They have each demonstrated dedication and leadership in their communities and will serve the board well," commented Allyn L. Lamb, president of Northeastern Farm Credit and the future AgChoice Farm Credit

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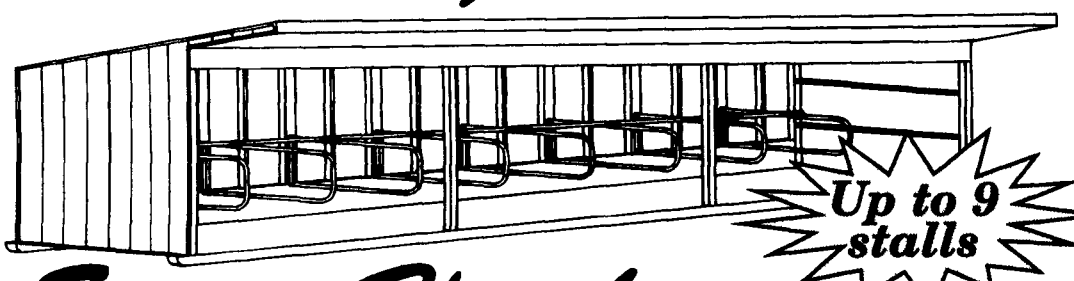

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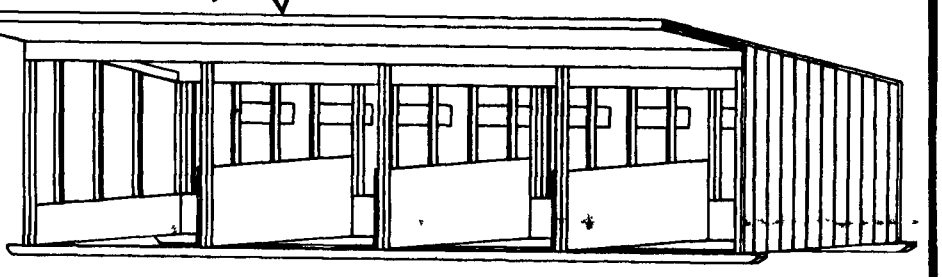

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# Dairy Situation And Outlook

**Bob Cropp**
**Dairy Specialist**
**University of Wisconsin**

The BFP prices on the futures market have declined significantly in recent trading sessions. On December 15, while the December BFP settled at $17.25, other near month contracts declined. january BFP contracts settled at $15.60, down $0.73 form the $16.33 on December 10. February contracts at $13.40 were down $1.23 from $14.60 on December 10th. And March contracts at $12.66 were down $0.86 from $13.52 on December 10th. More distant contracts also declined but to a lesser degree. On December 15th the May BFP broke the $12.00 barrier and settled at $11.91. June contracts settled at $12.01.

A December BFP over $17.00 and a new BFP record seems quite safe. The 40 pound block cheddar cheese price has increased every week since September 1 and ended at a record $1.90 per pound on Friday, December 11. The 40 pound block price is the prime driver of the BFP. But why the drop in BFP prices after December? The answer is an anticipation of increased milk production and resulting cheese production along with a seasonal decline in cheese sales. Cheese sales have been excellent with increases of more than 2%. October 31st stocks of natural American cheese were down 5.8% from September and 5.3% from a year ago. But a rebuilding of cheese stocks are anticipated as milk production and milk composition improves seasonally and sales decline seasonally. But we can't forget superbowl Sunday which is a strong cheese sales period. Nevertheless, cheese prices have not only increased beyond predictions, they have held longer than many anticipated. Cheese production did show some strength in recent weeks. October production of American cheese was up 1.4% from a year ago and the production of all cheese up 2.4%. USDA's November milk production report does not show milk production strengthening. While milk production compared to a year ago was down in July (0.8%) and August (-0.5%), it return to a slight increase in September (-0.3%), and increased 1.7% in October, but increased 3.0% for November. Why the change in milk production? First, milk cow numbers have stopped declining. For the 20 reporting states, milk cow numbers are unchanged from October and down just slightly, -0.1% from a year ago. But more importantly, milk per cow has returned to a more normal increase, being up 2.8% from a year ago. Compared to a year ago, milk per cow was down in July and August 0.6% and 0.5% respectively, increased just 0.4% in September and 1.8% in October. The major change here was for California which has been experiencing rather poor milk production per cow due weather related problems for most of the year. But for November, California's milk per cow was still down, but only 1.5% compared to 3.1% for October and close to 7% for September. Weather has improved and California's milk per cow is slowly improving. Since California had 3.8% more cows this more than offset the decline in milk per cow and resulted in a 2.3% increase in California's milk production compared to just a 0.6% increase in October and lower milk production during the summer months.

Mild weather has been a factor across the country for improved milk production per cow. Also a milk-feed rice ratio of 4.23 compared to 2.73 a year ago encourages grain and concentrate feeding for milk production. The only states showing less milk per cow in November compared to a year ago were Virginia, Washington and California.

November milk production, compared to a year ago, for other states show the following increases; Arizona 6.3%, Idaho 10.6%, Washington 4.1%, New Mexico 8.8%, New York 3.5%, Pennsylvania 0.8%, Ohio 0.6%, Wisconsin 3.8% and Minnesota 4.1%. Milk cow numbers have stopped declining in Wisconsin as well. November cow numbers were up 2,000 head from October and down only 1.2% from a year ago. Milk per cow was up 5.2% in Wisconsin and 6.9% in Minnesota. Texas had been experiencing poor milk per cow also because of adverse weather. But for November, milk per cow as up 3.4% offsetting 3.4% fewer milk cows, and resulting in no change in milk production. All spring and summer Texas's milk production had been running below year ago levels. Milk production, although up seasonally, continues below year ago levels in most southern states and in the southeast. Kentucky for example, had 7.3% less milk and Florida experienced a 2.7% decline. But since milk production is up seasonally, the need to bring outside milk into the region for fluid purposes has pretty much stopped.

In summary, 1998 will finish with a new record BFP in December of more than $17.00. While the BFP will decline as we more into 1999, the BFP will stay well above the 5 year average, at least through April, and perhaps longer.

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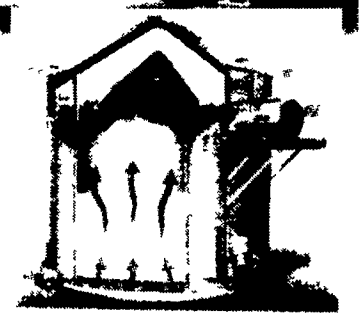

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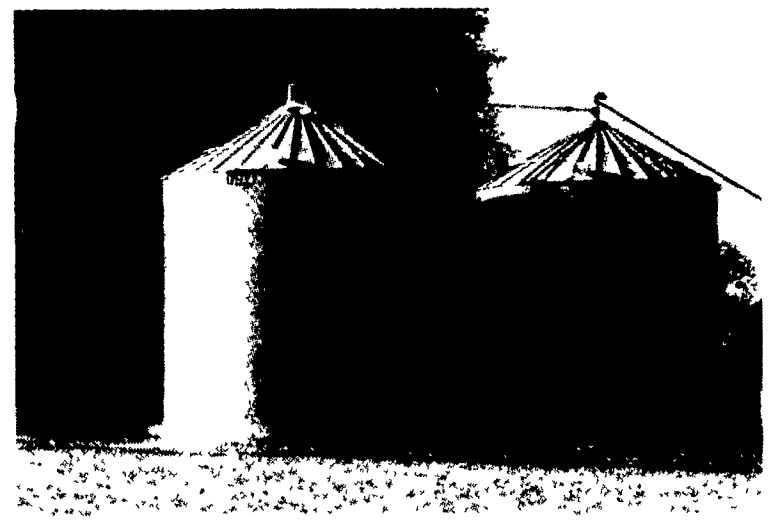

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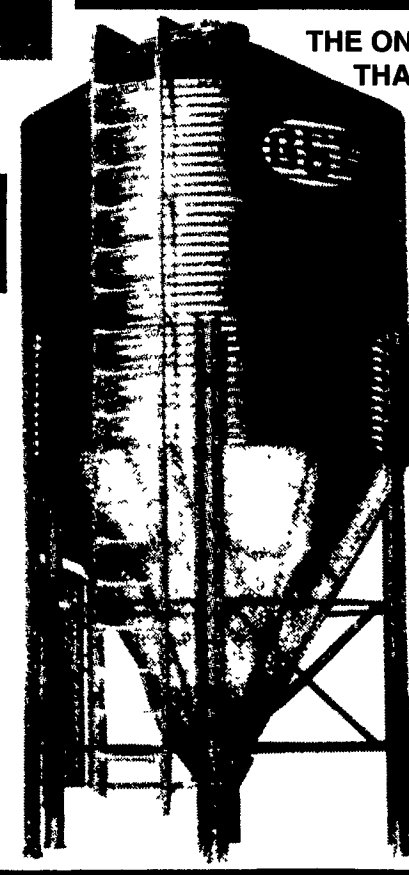

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TECHNOLOGY THAT YIELDS.

PIONEER SEED CORN

The Horning family enjoys a breakfast of French toast and milk. Lingering conversations around the table are commonplace for the Horning family who stress family togetherness and spurn infringements such as television.

Lancaster County Alternate Dairy Princess Jamie Horning credits her mother with teaching her to cook. Both believe that using real dairy products is the secret to great tasting food.

# Welcome To Turnpike View Registered Holsteins

LOU ANN GOOD
Lancaster Farming Staff

STEVENS (Lancaster Co.) — If you're traveling the turnpike, you may want to drop by Turnpike View Registered Holsteins, Stevens.

Sure, you'll need to scale the fence that lines the turnpike between the Lebanon and Reading Exits, but the visit is guaranteed to be worth the few scratches and jean rips from climbing over the turnpike fence.

Perhaps that isn't the best way to drop in on the Paul and Shirley Horning family, but it's a farm where most everyone seems to find some excuse to stop by.

Visitors share in the laughter, fun, and even the work with the parents and children, Jamie, 17; Lindsay, 11; Dustin, 14; and Kelly, 12.

"People are always here. They just seem to show up," Shirley said. "We are blessed to live on a farm and enjoy sharing it with others."

"My friends seem to get a kick out of staying overnight and getting up early to feed the cows," said Jamie, who is Lancaster County's alternate dairy princess.

As a spokesperson for the dairy industry and a viable asset to the family farm, it's not surprising that there are plenty of homemade specialties made with milk, cream, butter, and other dairy goodies for guests to indulge in.

Friends delight in riding the four-wheeler and performing acrobatic stunts on the trampoline. One thing guests won't do at the Horning's home is watch television or videos.

"When I tell people we don't have a TV, people think we are Amish," Jamie said.

"But a home with no television set is a decision made by the parents and happily endorsed by the children.

"We feel it's important to spend time together. If we had a television, I don't think we would talk together or read as much," Shirley explained.

Talking together comes naturally in this family, where each others word's spill over accented with easy going laughter and the oft-repeated phase, "do you remember when? . . ."

All the children enjoy reading. Jamie reported that she read four books in the last six days.

The 120-acre farm was Paul's grandfather's farm and later his father's. For many years, the family lived on a nearby farmette while Paul continued to help his dad on the farm. In 1994, Paul and Shirley moved on the homestead.

They milk 85 Holsteins, bred for show and type.

"I'm an old-fashioned breeder. I don't breed with a high index but for big strong cows," Paul said.

He's proud to report that most of the farm's cows get to be 13-14 years old.

Paul said his greatest desire is to see family dairy farms survive despite the negative statistics.

He said it's really discouraging to hear predictions "from guys who think they know it all."

At one of the seminars he attended in recent months, Paul said that participants were told to look to the right and to the left and told that only one-third of those farming then would still be farming five years later.

"I came home so discouraged. I thought I might as well quit right then," said Paul, who is well-acquainted with the economical struggles of farming.

"When I took over the farm, we hit high grain prices and depressed milk prices," Paul said.

The recent upsurge in milk prices has offered him a glimpse of hope for the future.

Although he hears predictions that milk prices will drop severely again, Paul believes there is a chance that the experts are wrong.

He's a farmer who loves his cows and knows everyone on sight by name.

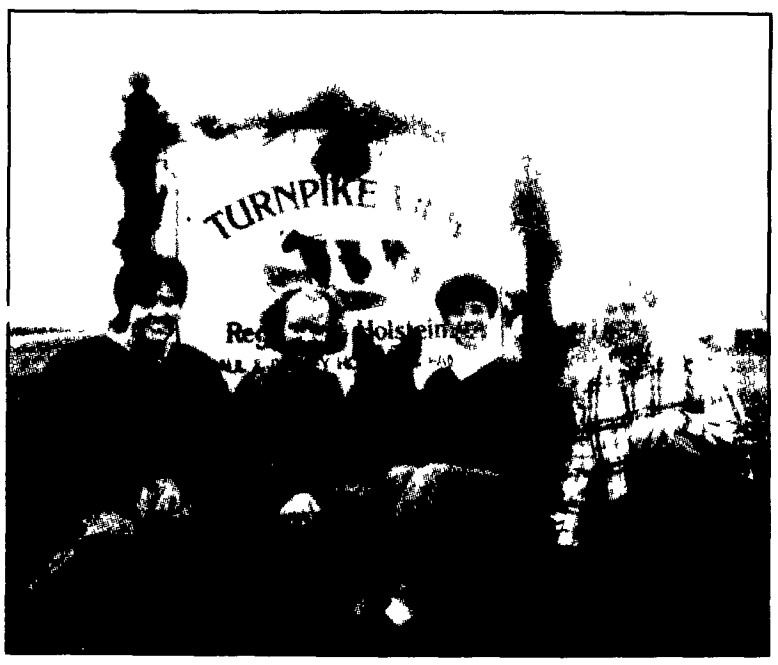
"When it's time for classifying, I can put all 71 papers in order while sitting here in the house because I remember where every cow's stall is located," Paul said.

Homings' DHIA rolling herd average is 24,300 pounds.

"I use some BST (bovine somatotropin) because I felt forced into it when we had depressed milk prices and I needed to generate

(Turn to Page B5)

HOMESTEAD NOTES




Life at Turnpike Dairy Registered Holstein Farm is never dull for Jamie, 17; Lindsay, 11; Kelly, 12; Dustin, 14; and Gordon, their blue heeler dog. The farm is a great place for recreation, but friends who come think it is even neater to help with the chores.

The Horning family delights in sharing their farm with others. The 120-acre farm has been in the Horning family for three generations. From left are Kelly, Mom Shirley, Jamie, and Lindsay.

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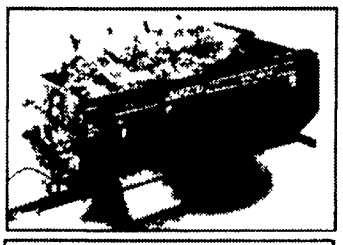

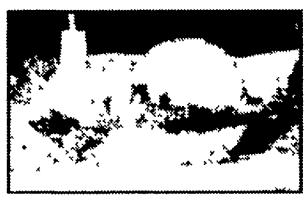

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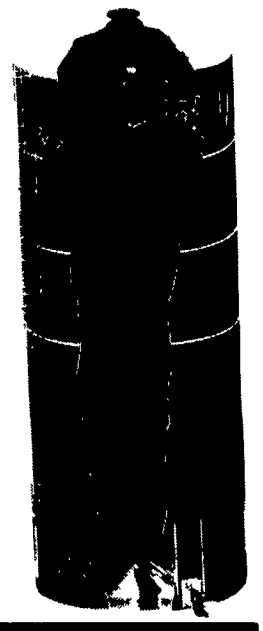

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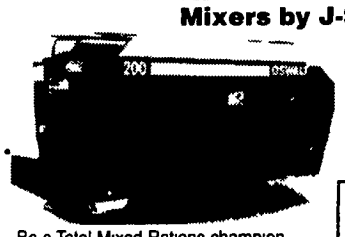

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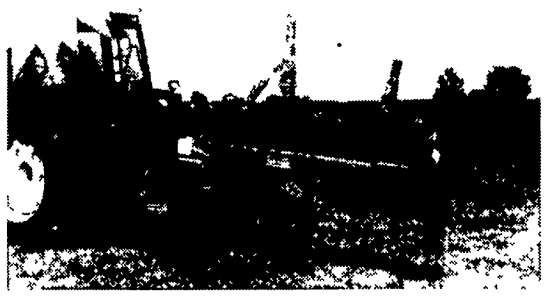

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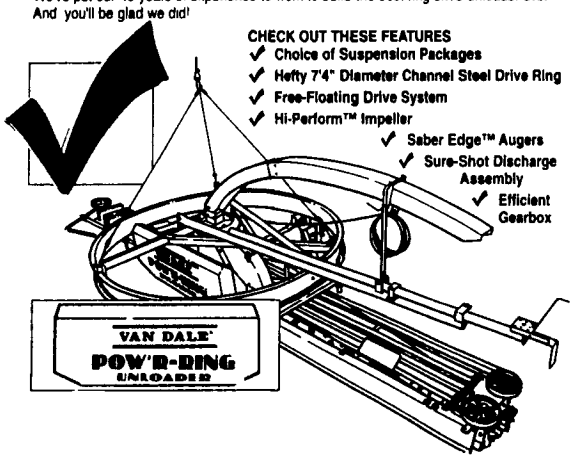


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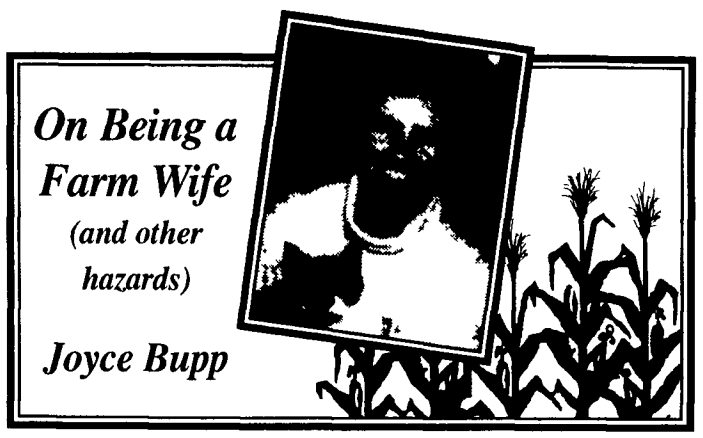


Congratulations!

You survived another round of hectic winter holidays.

Now, consider this: there are only 363 days left until the TURN OF THE CENTURY. Pretty sobering thought, huh?

Only 363 days left until the world comes to an end. According to the "sky is falling" folks.

Only 363 days left until the computers of the world shut down, wreaking havoc with everything from our electrical service to bills for our credit card accounts. According to the Y2K crisis folks

Only 363 days to change our personalities, get our financial houses in order, right any wrongs we've done, apologize to any enemies we've made (intentionally or otherwise), call those folks we've been meaning to call, write those notes we've been meaning to write, step back, make new people of ourselves, take time to smell the roses and beginning teaching ourselves to write "00" at the end of our dates.

Phew! Or in other words, correct in a year all those things in our lives we've been unable to correct for the last whatever decades we've been living and keep promising to do so.

Only 363 days to make the world the better place it should be before turning another big page on the calendar of world history. How about some laws (might be more productive than we've been enduring from Washington, D.C. lately) before the TURN OF THE CENTURY to address just a few random things that pop into my mind.

Let's fix

- hog getting paid 12-cents a pound for pigs at market when pork cuts are still $1.79 on sale at retail meat counters;
- the new paper money which looks like Monopoly pieces;
- the smell of manure by altering it to a peppermint scent (Some researchers have reportedly tried feeding garlic to animals and got something reminiscent of a pizza place odor which may or may not be an improvement, depending on your personal opinion).
- ugly, bi-partisan political bashing. (We're sick of it, folks!)
- milking equipment breakdown on Christmas Eve. (Actually The Farmer fixed it in an hour).
- parents who neglect the responsibility to raise their kids properly.
- cows needing milked twice every day. Cut us a break on major holidays and Sunday evenings, girls.
- drivers who cut you off on the highway. The Supreme Court could rule they must spend every other weekend changing tires along the roadside for other motorists.
- calves, lambs and baby pigs picking the most bitter nights of the winter to be born.
- eliminate droughts. Also, floods, famine, pestilence, plagues of grasshoppers. Oh, what the heck, let's do away with war, while we're at it, too.
- telemarketing.
- tearing up one or more acre of productive farmground to build a shopping mall.
- flies.
- cancer.

Sure, there are lots and lots of other things that need fixed before 2000 A.D.

But what a different world it would be by the TURN OF THE CENTURY—just 363 days—if we could change even those few.

# Herbs: The Good, The Bad, The Ugly

BEAVER (Beaver Co.) — When shopping for herbs to be used for medicinal purposes, it's necessary to understand what you're looking for on the label. While some of today's most popular herbs look very promising, there are many herbs out there that haven't proven effective.

Does echinacea fight off the common cold?

Can gingko biloba enhance memory?

Will kava-kava provide you with an emotional lift?

What herbs are good for the immune, digestive, and respiratory systems?

To learn more about the medicinal use of herbs as well as gardening and preserving herbs, two classes — co-sponsored by Penn State Cooperative Extension and the Everlasting Gardener — will be conducted. The morning series will be conducted on Jan. 13, 20, and 27, from 9:30 to 11:00 a.m. The evening series will be conducted from 6:30 to 8:00 p.m., February 18, 25, and March 11. All classes will be at Penn State Cooperative Extension, 1000 Third Street, Beaver. For more information, call the Penn State Cooperative Extension Office at (724) 774-3003.


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# Turnpike View

(Continued from Page B2)

some cash flow," Paul said. "But I think it's a fad that will fade out. It has a quick response with long-term effects. Cows aren't lasting as long and there's a demand for more heifers."

The Hornings ship milk to the Mount Joy Cooperative.

Paul's dad continues to help on the farm, but Shirley helps with the milking morning and evening. All the children help with the chores.

"It was a big adjustment for me to milk everyday when we first moved on the farm," Shirley said, "but I love it."

The children help out with household chores, but Shirley makes sure to find time to continue to bake—one of her hobbies.

Although the family shows at Lebanon Fair and All American, they won't be showing at the state Farm Show.

"That's because we don't really have enough help and time to keep everything running smoothly at home and at the Farm Show," said Paul, who has fond memories of showing when he was a teen-ager.

Despite the daily chores on the farm, the children are encouraged to take advantage of off-the-farm opportunities.

Two years ago, Jamie spent eight weeks in Brazil with a teen mission group.

"We lived in a tent and bathed in the creek. We even washed our clothes in the creek," Jamie said. The clothing was thrown away because it was impossible to remove the brownish white color from river washing.

"The experience really helped me to appreciate home," Jamie said.

Dustin is planning on participating on a Teen Mission trip in the summer. Although it is not definite, he is counting on going to Alaska for 11 weeks.

Although they live in Lancaster County, the children are 4-H dairy club members in Lebanon County.

"We are closer to Lebanon County 4-H meetings than Lancaster County," Jamie said.

Jamie's 4-H involvement has decreased because she is busy as the alternate dairy princess. Her mother serves as chaperone at the many dairy promotions in which Jamie participates. Her favorite so far was the milk mustache promotion at Weaver's Markets in Adamstown.

In addition to serving as alternate dairy princess and helping on the farm, Jamie works at Key Aid Ace Hardware.

She is a junior at Ephrata High School where she is a member of FFA.

All family members are active at Calvary Church, Lancaster.

Paul is a member of the Ephrata Area Young Farmers' Association. He also serves on the board of Gospel Express, a prison ministry. Paul is in charge of the heifer sale that is used to raise funds for the ministry. He said about 30 heifers are donated annually and purchased by other farmers at the annual fund-raising auction.

Because their farm borders the turnpike, it is not unusual for motorists who run out of gas to knock on the Horning's door. The farm was also part of the neighborhood search for some convicts fleeing police.

Another negative aspect for living near a main highway happened when Dustin's show cow broke through the fence. It was night and the cow was wandering down the highway toward oncoming traffic and hit by a motorist traveling 60 miles per hour.

Although the cow with calf was destroyed, the Hornings were thankful the driver of the Volvo escaped injury.

"The cow went over the hood and glanced off. I was impressed with the Volvo—I don't think a driver in any other car would have survived," Paul said. "The driver was more concerned about the cow than the damage done to his car."

Despite the occasional hassles of farming near the turnpike, the dairy farm is aesthetically appealing. The stone gabled barn and farmhouse is situated on a stand of timber and gently sloping land.

"We love sharing the farm with others," Shirley said.

"Visitors like the farm, but I know they like Mom's cooking too," Jamie said of the abundance of food the family gladly shares with guests.

Here are a few of the family's favorites, which uses dairy products. Guests rave over this cookie recipe that Shirley devised.

(Turn to Page B7)

**As far as she knows, Jamie believes she is the only person who uses a bathroom for a bedroom. The unused bathtub has been converted into a bed for overnight guests. At first she stuffed it with blankets and pillows as a temporary measure, but the bathtub bed became such a popular conversational piece that Jamie intends to keep it. "I think it's unique, and my friends envy me," said Jamie, who fills the bed with her stuffed monkey collection when the bed is not in use.**


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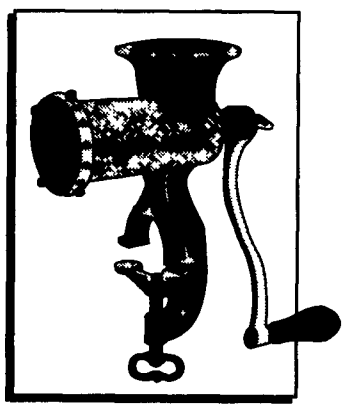

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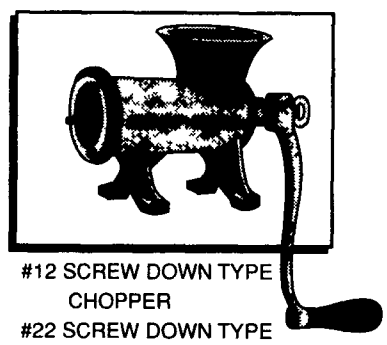

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#22 SCREW DOWN TYPE CHOPPER
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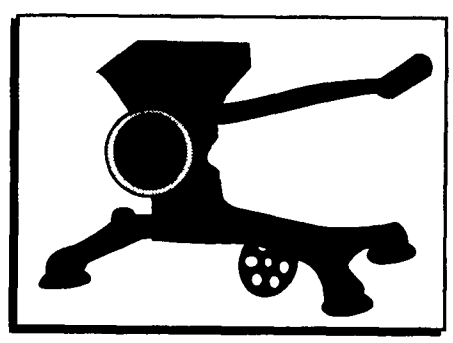

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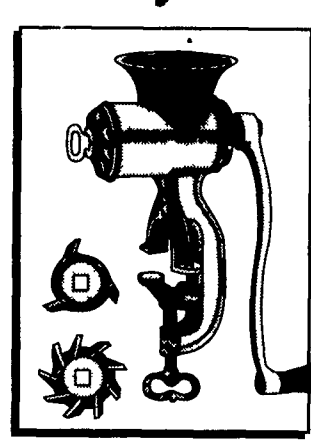

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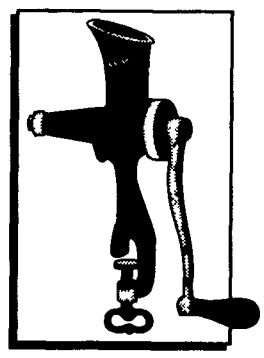
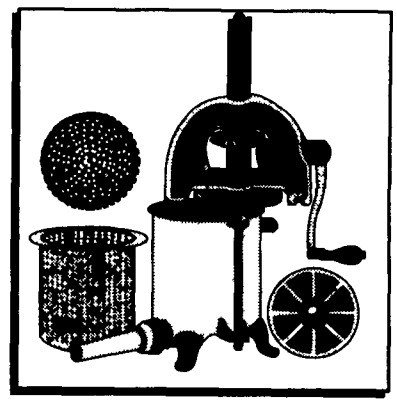


#27 HEALTH FOUNTAIN JUICER



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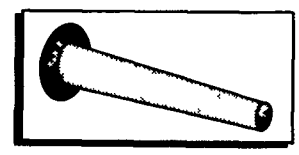

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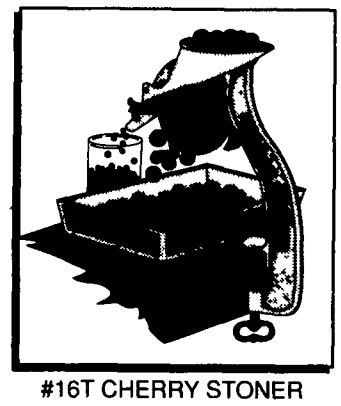

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# Home on the Range

## Eating Light

Let's face it: eating light most often means cutting dietary fat.

But everybody needs some fat, which is a vital nutrient that supplies the body with energy, essential fatty acids, and helps to absorb certain vitamins. In addition, dietary fat is important for proper growth in children and is required for maintaining healthy skin.

According to the Dietary Guidelines for Americans, 30 percent or less of daily calories should come from fat sources. Here is a quick and easy way to estimate your total fat gram intake for the day:

- Determine your ideal body weight, e.g. 150 pounds.
- Divide in half = 75 grams of fat.

Not all fats are created equally. Saturated fats are linked to elevated levels of LDL-cholesterol in the blood. These are most commonly found in foods of animal origin such as red meats, cheese, eggs, and coconut, and palm oils.

Polyunsaturated fat are often found in foods of plant origin such as corn, safflower oils, nuts, and seeds. Monounsaturates can lower "bad" LDL levels. These are also found in foods of plant origins. Sources include olives, olive oil, canola oil, nuts, and avocados.

Fat provides nine calories per gram compared with four calories per gram with either protein or carbohydrates.

This doesn't mean that you shouldn't eat meat and dairy products. The trick is to select your fat sources wisely. Select lean cuts of meat and use low-fat or non-fat dairy products if you want to cut your fat intake.

Here are some quick ideas to serve great-tasting foods while keeping the fat intake down.

- Turn a plain baked potato into a tasty meal by adding low-fat yogurt or shredded reduced fat cheese, and sliced ripe olives.
- To freshly cooked pasta with fresh or canned tomatoes, add chopped ripe olives, and minced garlic. Saute and add a sprinkle of parmesan cheese.

Flavor macaroni salad by mixing together drained, canned tuna, chopped celery, and chopped ripe olives, low-fat yogurt or fat-free sour cream, and low-fat mayonnaise. Season to taste.

- For easy ratatouille, combine canned stewed tomatoes, sliced zucchini, chopped garlic, and sliced ripe olives. Heat on stove top for 8-10 minutes.

### SOUTHERN SKILLET BBQ PORK

4 (4-ounce) boneless pork loin chops
¾ -inch thick (trim all visible fat)
¼ cup reduced-calorie Italian dressing
¼ cup barbecue sauce
1 teapsoon chili powder

Blend dressing, barbecue sauce, and chili powder in shallow dish. Add pork; turn to coat chops. Cover; marinate 30 minutes to overnight in refrigerator. Heat nonstick skillet over medium-high heat until hot. Drain pork, reserving marinade. Brown both side of pork in skillet; add reserved marinade. Bring to a boil. Cover and reduce heat to low; simmer for 5 minutes. Servings: 4.

194 calories, 9 g fat, 312 mg sodium, 23 g protein, 3 g carbohydrate.

**Nat. Pork Producers**

### FANTASTIC PORK FAJITAS

1 pound pork tenderloin, cut into ¼ -inch thick strips (trim all visible fat)
1 cup sliced green, red, and yellow bell peppers
½ medium onion, sliced
1 teaspoon crushed red pepper
4 flour tortillas, warmed

Spray a large nonstick skillet with vegetable spray. Heat skillet over medium-high heat until hot. Add pork stirps, bell peppers, onion, and crushed red pepper to skillet; stir-fry 5 minutes. Roll up ¼ of the meat mixture in each tortilla.

295 calories, 9 g fat, 194 mg sodium, 27 g protein, 22 g carbohydrate.

**Nat. Pork Producers**

### GARLIC MASHED POTATOES

3 pounds potatoes, peeled, quartered
4 cups water
5 teaspoons chicken-flavored bouillon granules
¾ cup skim milk
1½ teaspoons minced garlic

In large saucepan, combine potatoes, water, and 3 teaspoons bouillon granules, bring to a boil. Reduce heat; cover and simmer 20 to 25 minutes or until potatoes are tender. Drain. Heat milk and remaining 2 teaspoons bouillon granules. In mixer bowl, mash potatoes with garlic and milk mixture until potatoes are smooth and fluffy. Refrigerate leftovers.

180 calories; 5 g protein, 0 g fat; 39 g carbohydrate; 0 mg cholesterol, 770 mg sodium.

### COUSCOUS SALAD

5.6-ounce package pine nut couscous mix
1 teaspoon minced garlic
2 cups packed fresh basil leaves
½ cup red bell pepper strips
3 tablespoons red wine vinegar
½ to 1 teaspoon black pepper
1 tablespoon olive oil
½ pound sliced fresh mozzarella (optional)
Cherry tomatoes (optional)

Prepare couscous according to package directions using olive oil, except add minced garlic with contents of spice sack.

Coarsely chop half of basil leaves.

When couscous is done, lightly toss with chopped basil, red bell pepper, vinegar, pepper, and 1 tablespoon olive oil.

Spoon onto serving plate and surround with remaining whole basil leaves. If desired, arrange mozzarella and cherry tomatoes around edge.

4 servings. Calories 217, protein 7 g, total fat 8 g; carbohydrate 33 g, sodium 320 mg.

### APPLE SAUCE MAPLE MUFFINS

2 cups whole wheat flour
1 tablespoon baking powder
1¼ cups unsweetened applesauce
½ cup maple syrup
2 egg whites
½ cup raisin or chopped walnuts

Combine flour and baking powder, and stir to mix well. Add applesauce, maple syrup, and egg whites, stir just until dry ingredients are moistened. Fold in raisins or walnuts.

Coat muffin cups with nonstick cooking spray, and fill ¾ cup full with batter. Bake at 350 degrees for 16 to 18 minutes, or just until wooden toothpick inserted in the center of a muffin comes out clean.

Remove muffin tin from oven and let sit 5 minutes before removing the muffins. Serve warm or at room temperature.

Yield: 12 muffins. Calories 130, fat .4 g; protein 3.6 g; sodium 94 g, fiber 3.3 g; calcium 26 mg.

**Knouse Foods**

### APPLE BUTTER BUNDT CAKE

¾ cup whole wheat flour
1½ cups unbleached flour
2 teaspoons baking soda
2 cups apple butter
2 egg whites
½ cup dark raisins
1½ tablespoons confectioners' sugar

Combine the flours and baking soda, and stir well to mix. Add applebutter and egg whites, and stir to mix well. Stir in raisins.

Coat a 12-cup bundt pan with nonstick cooking spray. Spread the batter evenly in pan, and bake at 350 degrees for 30 to 35 minutes, or until a wooden toothpick inserted in the center comes out clean.

Cool the cake in the pan for 20 minutes. Then invert onto a wire rack and cool to room temperature. Transfer to serving plate, sift the confectioners's sugar over the top, slice and serve.

Yield: 16 servings.

Calories 146; fat .6g; protein 2.9 g; sodium 111 mg, fiber 2 g; and calcium 12 mg.

**Knouse Foods**

**If your eating light—eat pork. With an average of 31 percent less fat from 10 years ago, pork is leaner than ever. The American Heart Association gives its stamp of approval for the pork recipes included in this issue.**

### MEDITERRANEAN ROASTED VEGETABLES WITH PASTA

1 pound package fettuccine, cooked, drained
½ cup water
4 teaspoons chicken-flavor bouillon granules
1 teaspoon rosemary leaves
2 cloves garlic, finely chopped
2 each red or green bell peppers, onions, tomatoes, zucchini, sliced
½ pound fresh mushrooms, sliced

Preheat oven to 400 degrees. In small saucepan, heat water, bouillon, rosemary, and garlic until bouillon dissolves. In 13x9-inch baking pan, pour bouillon mixture over vegetables; mix well. Bake 30 minutes or until vegetables are tender, stirring occasionally. Serve over fettuccine. Refrigerate leftovers.

190 calores, 8 g protein; 1 g fat; 38 g carbohydrate, 610 mg sodium.

### CHICKEN VEGETABLE STIR-FRY

1 pound boneless skinned chicken breast
2 tablespoons apple juice
4 cups broccoli florets
¼ cup water
1 tablespoon cornstarch
2 tablespoons soy sauce
1 tablespoon oil
5 cups spinach
1 cup sliced mushrooms

Cut chicken into bite-sized pieces. Marinate in apple juice for 30 minutes. Drain before cooking. Steam broccoli 1½ minutes and rinse under cold water. Mix together water, cornstarch, and soy sauce. Saute chicken in oil 2-3 minutes. Serve over hot rice.

Serves 4. 290 calores, 7 grams fiber, 8 grams fat per serving.

(Turn to Page B8)

## Recipe Topics

If you have recipes for the topics listed below, please share them with us. We welcome your recipes, but ask that you include accurate measurements, a complete list of ingredients and clear instructions with each recipe you submit. Send your recipes to Lou Ann Good, Lancaster Farming, P.O. Box 609, Ephrata, PA 17522. Recipes should reach our office one week before publishing date listed below.

| | | |
|---|---|---|
| January | 9 - | Build a Better Breakfast |
| | 16 - | Make It With Beef |
| | 23 - | Using Quick Oats |
| | 30 - | Pizza Favorites |

## Featured Recipe

Eating light means including pork in the diet. With an average of 31 percent less fat from 10 years ago, pork is leaner than ever. A 3-ounce serving has less than 200 calories and 9 grams fat.

The leanest cuts have the word "loin" in the name, such as pork tenderloin, loin roast, loin chop, sirloin chop, top loin chop, and sirloin roast.

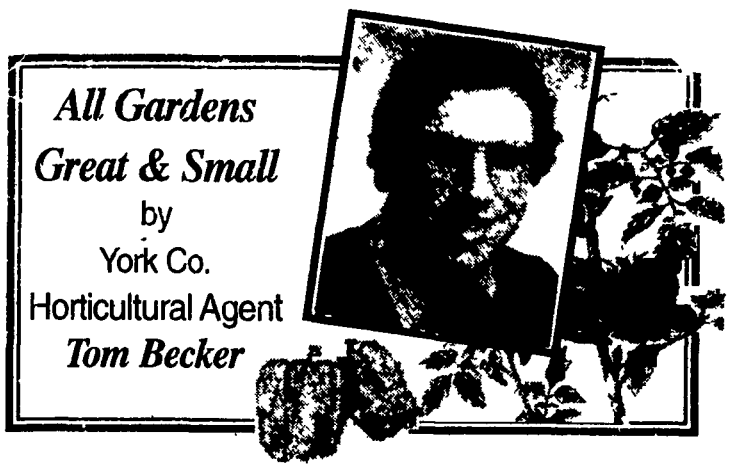
Here's a recipe with only 7 grams fat per serving.

Remember eating light means eating all foods in moderation. It doesn't mean gourging yourself at mealtime just because you're eating lower fat food.

### CARIBBEAN ROAST PORK LOIN

1 pound boneless pork loin roast (trim all visible fat)
½ teaspoon olive oil
½ teaspoon ground black pepper
¼ teaspoon ground nutmeg
¼ teaspoon ground cinnamon

Blend oil, pepper, nutmeg, and cinnamon in small bowl. Rub mixture onto pork; cover completely. Place pork in shallow pan; roast in 350 degrees oven for 45 minutes to one hour or until internal temperature is 155 degrees. Remove pork from oven; let stand 10 minutes before slicing. Servings 4. 167 calories, 7 g fat; 60 mg sodium, 24 g protein, 1 g carbohydrate.




**Freeze And Frost Protection For Fruit**

Avid gardeners start the new year reading catalogues while watching the weather channel. Two weather terms often used by agriculturalists include the phrases, critical temperatures and cold injury. Fruit crops grown locally like peaches and strawberries are especially susceptible to weather-related cold injury.

On strawberries the critical temperatures to prevent severe overwintering cold injury is 0°F to 10°F for the plant and 28°F for open flowers during the late spring. Thankfully, the plant can be protected from low temperature with an insulating layer of straw or snow.

A portion of the local strawberry crop (about 30 percent) is produced on the first (king) blooms of the spring season. These 'king' blooms along with smaller, later blooms are set in the fall and are susceptible to winter injury or a frost in the early spring. These berries are usually the largest and a favorite for berry pickers. The loss of these 'king' berry blooms can be serious business for pick-your-own farmers and gardeners. Blossoms damaged by frost are easy to detect. The damaged blooms develop a dark center.

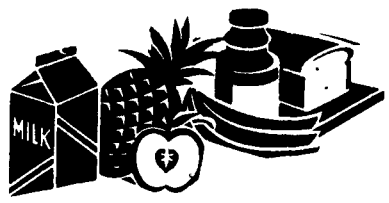
Select carefully a cold tolerant, fruit cultivar to decrease your potential for crop loss. Certain fruit crops, like peaches, nectarines, and apricots, lack winter hardiness no matter what variety grown. Apricots are especially unreliable in colder areas of Pennsylvania. Early blooming cultivars are also more at risk than later blooming ones.

Gardeners desiring to prevent cold injury in the spring on strawberries need to choose a good planting site not prone to severe winter winds. Fields lying low are most susceptible to spring frost. Concerned gardeners should also plant mid to late-blooming cultivars like jewel, all-star, seneca, lateglow, latestar, delite, sparkle, and idea.

Many gardeners and farmers cover dormant strawberry plants in the field each winter with straw (1 to 4 inches). Wheat, oat or rye straw free of weed seeds like Canada thistle is preferred. When applying, avoid clumping the straw over the row. The best time for application is normally December or early January prior to snow cover or prior to the ground freezing. By early May, this mulch layer of straw is raked off into the row middles. Over time, the straw decomposes. In the interim, the straw provides a clean walking path for pickers.

Gardeners with fruit crops can also prevent winter injury by practicing frost protection methods used by commercial growers and orchardists. Overhead watering of the crop with a mist-producing nozzle produces frozen droplets. This protection method provides several additional degrees of freeze protection for most fruit crops. The water film around each blossom or developing fruit must be maintained continuously as long as freezing air temperatures occurs, or until the ice starts to melt rapidly.

Commercial floating row covers similar to a light fabric are gaining in popularity for early spring frost protection especially of strawberries. Although expensive, row covers are used to modify the environment around the plant. This method protects the developing blossoms from cold injury. The method also increases crop earliness (up to one week) and higher overall crop yields. Row covers work by trapping radiant heat during the day and retarding its loss at night. They also block the wind, which can accelerate cold damage.




Several types of row cover materials are available in the garden or commercial trade. Their effectiveness differs greatly for frost protection. Many universities are doing or have done research on different row cover or plastic row cover materials and their usefulness on strawberries. A rating scale for fruit crops like strawberries, created by the University of Georgia, found that the spunbonded polyester row covers are a good choice despite the relatively high cost.

Other covers like clear polyethylene hoops provided only fair protection in the University of Georgia study. Clear polyethylene, slitted polyethylene, perforated polyethylene and extruded polypropylene rated fair or poor. Some of these materials are also floated or placed like a blanket over the crop.

Look for these and other innovations in the frost protection methods used by orchardists and growers at the Pennsylvania's Farm Show from January 9 to 14 in Harrisburg. For more information on these and other frost protection methods, contact your Extension office.

Farm Show gardeners are encouraged to stop at the Penn State Gardening Display created by Master Gardeners in the West lobby of the Farm Show's main building. Master Gardeners will answer gardening questions and distribute information on attracting and controlling wildlife and the use of beneficial insects. For more information, contact the York County Extension office at 717-840-7408.

Any questions can be directed to Thomas S. Becker, Horticultural Agent, Penn State Cooperative Extension, York County (717) 840-7408 or Email at Yorkmg@psu.edu.

# Turnpike View

(Continued from Page B5)

**Mamma Shirley's Chocolate Chip Cookies**

2 cups butter
½ cup sugar
1½ cups brown sugar
4 eggs
2 teaspoons vanilla
2 small packages instant vanilla pudding
2 teaspoons baking soda
4½ cups flour
2 cups chocolate chips

Mix together ingredients in order listed. Let batter set 10 minutes before baking. Drop by teaspoonful on ungreased cookie baking sheets. Bake at 350 degrees until done.

**Creamy Three Cheese Dip**

8-ounces cream cheese, softened
½ cup milk
2 cups shredded sharp cheddar cheese
½ cup grated parmesan cheese

Beat together ingredients until smooth and ingredients are well blended. Serve as dip with crackers.


The Original Old Fashioned

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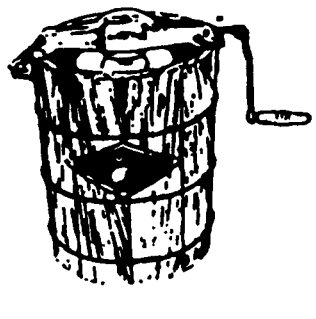

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**If you are looking for a recipe but can't find it, send your recipe request to Lou Ann Good, Cook's Question Corner, in care of Lancaster Farming, P.O. Box 609, Ephrata, PA 17522. There's no need to send an SASE. If we receive an answer to your question, we will publish it as soon as possible. Sometimes we receive numerous answers to the same request, and cannot print each one.**

**Answers to recipe requests should be sent to the same address.**

**QUESTION** — Anna Showalter, Weyers Cave, Va., would appreciate a pork roll bologna recipe that tastes like that made in Lancaster County.

**QUESTION** — Grace Ikeler, Bloomsburg, would like a recipe for pumpkin soup.

**QUESTION** — Herman Ikeler, Bloomsburg, would like a recipe for dried cured pepperoni.

**QUESTION** — James Testerman, Mercersburg, would like a great recipe for deer bologna.

**QUESTION** — G. Sweitzer, Airville, wanted to know what temperature and for what length of time should field corn be roasted in an oven prior to grinding into roasted corn meal. Can the unground roasted corn be kept for a year or more in an airtight container?

**QUESTION** — Janet Huber, Williamstown, wants a recipe for chocolate banana cookies.

**QUESTION** — A long time reader from Ticonderoga, N.Y., would like recipes that use northern-hardy kiwi, which is small and grapesized with a smooth skin. It grows on clusters of vines.

**QUESTION** — Terry Roup, Danville, wants a recipe for a cracked sugar cookie, a large flat cookie with cracks on top.

**QUESTION** — Bernie Seeko, Hackettstown, N.J., would like to know how to keep raisins, nuts, or berries from settling in the bottom of cakes when baking. She's tried coating them with flour just before baking with no luck.

**QUESTION** — Helen Hertzler, Morgantown, wants a recipe for pizza crust in which the dry ingredients can be mixed and stored until ready to use and then warm water added, which is similar to store-bought packs of pizza crust mix.

**QUESTION** — A Shippensburg reader would like a recipe for corn crackles.

**QUESTION** — Betty Lou Gambler, Concord, writes that her mother purchased a pickle compound at the former People's Drug Store during the 1940s and 1950s. There were four packages in one recipe and contained rock salt, saccharine, clove oil, and an acid of some kind that was mixed into 1 gallon of cold vinegar and poured over pickles. The pickles were ready to eat within several days and tasted delicious. She has tried many stores and has not been able to locate the pickling compound. Can any one help her?

**QUESTION** — A reader from Orange County, N.Y. would like a recipe for Half Sour Pickles, she believes the cucumbers are soaked in brine overnight and can be eaten the following day.

**QUESTION** — A reader from Finger Lakes, N.Y., would like a recipe to can together sliced onions and green bell peppers (not pickled).

**QUESTION** — Rose Diehl, Bloomsburg, wants a recipe for pork scrapple.

**ANSWER** — In answer to Fern Gerth's request, Marti Kehs, Boyertown, sends this 5-star recipe from "Cooking Light."

**Lemon Curd**

⅔ cup sugar
1 tablespoon grated lemon rind
2 teaspoons cornstarch
2 tablespoons butter
⅔ cups fresh lemon juice
1 egg, lightly beaten

Combine first three ingredients in bowl. Stir well. Melt butter in small heavy saucepan over low heat. Add cornstarch mixture to butter, stirring well. Stir in lemon juice. Bring to a boil over medium heat. Stir constantly. Cook one minute. Gradually stir about ¼ of the hot mixture into egg; add to remaining hot mixture, stirring constantly. Cook 3 minutes, stirring until thickened.

Pour mixture into small bowl; cover and chill.

**ANSWER** — Anna Showalter, Weyers Cave, Va., sent in this recipe.

**Old-Fashioned Apple Dumplings**

8 medium-sized baking apples
2½ cups flour
2¾ teaspoons baking powder
½ teaspoon salt
½ cup shortening
¾ cup milk

Pare and core apples. Leave whole (optional). (I cut mine in half to core).

To make pastry, sift flour, baking powder, and salt together. Cut in shortening until particles are about the size of small peas. Sprinkle milk over mixture and press together lightly working dough only enough to hold together. Divide dough in half. Roll dough as for pastry and cut into four equal sections and place an apple on each square.

Fill cavity in apple with approximately one teaspoon of the sugar-cinnamon mixture as follows:

2 tablespoons sugar
2 teaspoons cinnamon

Pat dough loosely and gently around apple, being sure to cover it completely. Seal dough openings securely. Put dumplings in pan with edges down, placing one-inch apart in a 9x13-inch baking pan.

Sauce:

1 cup brown sugar
2 cups water
¼ teaspoon nutmeg

Combine the above ingredients and stir until dissolved. Heat for five minutes. Remove from heat and add one tablespoon butter. Gently ladle sauce over apple dumplings. Bake at 350-375 degrees for 30 to 40 minutes. Baste occasionally during baking (optional).

Serve hot with rich milk, cream, or ice cream.

Delicious!

**ANSWER** — Lisa Heimbach, SUN Area dairy princess, sends in these calcium-rich recipes for readers to enjoy.

**Oriental Cheese Tarts**

1 pound ricotta cheese
3 eggs, beaten
10-ounce package frozen, seasoned oriental vegetables, cooked
1 cup shredded Colby cheese
½ cup buttermilk baking mix
¼ rup dairy sour cream
¼ cup butter, melted

Place all ingredients into large mixing bowl. Mix until combined. Fill buttered 2¾ -inch microwaveable muffin cups three-quarters full. Microwave at 50% power for 7-8 minutes, or until knife inserted near center comes out clean. Turn pan after half the cooking time. Cool in pan for 10 minutes. Remove carefully and cool completely on wire rack. Refrigerate, wrapped in plastic wrap, up to 5 days. To reheat, microwave at 50% power approximately 45 seconds per tart. May be frozen up to one month. Thaw, wrapped in refrigerator overnight.

Note: To bake conventionally, preheat oven to 375 degrees. Fill buttered 2¾ -inch muffin cups three-fourth full. Bake 20-25 minutes. Cool in pan 10 minutes. Carefully remove and cool completely on wire rack.

**Cheese-Filled Pepper Rings**

1-ounce thinly sliced pepperoni
4 green onions, cut into 1-inch pieces.
8-ounces cream cheese, softened
½ cup shredded provolone cheese
2 tablespoons butter, softened
1½ teaspoons Dijon-style prepared mustard
¾ teaspoon Italian seasoning
⅛ teaspoon pepper
3 small to medium-size red, yellow, or green peppers, stemmed, deveined, and seeded.

Place pepperoni and green onion in work bowl of food processor or blender and cover. Process until finely chopped. Remove and set aside. Place cheeses, butter, mustard, and seasonings in workbowl of food processor and cover. Process until well combined. Mix pepperoni into mixture. Fill peppers; wrap individually in plastic wrap. Refrigerate several hours or overnight. Slice horizonally and serve. Peppers will keep in the refrigerator up to three days.

**Tortilla Roll-Ups**

8-ounces cream cheese, softened
3 ounces smoked salmon, chopped
3 tablespoons chopped green onion
2 tablespoons sour cream
1 tablespoon chopped fresh dill
4 9-10-inch flour tortillas
1½ cups fresh spinach leaves

Combine cream cheese, onion, sour cream, salmon, and dill in medium bowl. Spread a generous ¼ cup filling on each tortilla; place spinach leaves on top, leaving a ½ -inch border. Roll-up tightly wrap in plastic wrap. Refrigerate at least one hour or up to six hours. To serve, cut into 1-inch pieces.

**ANSWER** — J. Gramiccioni, Stockton, N.J., wanted to know where to purchase real Italian vinegar without preservatives. Thanks to Debbie Reynolds, Wrightsville, for writing that Carlina's, an Italian specialty food store in Ardmore, Pa., carries a variety of Italian olive oil and vinegars. Some are imported, others are made by Carlina's. They ship U.P.S. Write to Carlina's at 2612-2616 E. County Line Rd., Ardmore, PA 19003. Or call (610) 649-4046.

(Turn to Page B9)

# Eating Light

(Continued from Page B6)

**CHILI BEAN RAGOUT**

1 cup onion, chopped
1 cup celery, thinly sliced
1 cup green peppers, chopped
2 cloves garlic, minced
3 to 4 teaspoons chili powder
1 teaspoon oregano
1 teaspoon basil
½ teaspoon thyme
17-ounce can lima beans, drained
16-ounce can whole tomatoes, undrained, chopped
15½ -ounce can kidney beans, drained
16-ounce can great northern beans, drained
15-ounce can blackeyed peas, drained
V8 juice, optional

Spray bottom of large saucepan with nonstick cooking spray. Over high heat, stirring constantly, saute onion, celery, green pepper, and garlic until tender. Add chili powder, oregano, basil, and thyme leaves, and cook one minute, then add lima beans, tomatoes, kidney beans, great northern beans, and black-eyed peas. Bring to a boil; reduce heat and simmer 10 minutes. If more liquid is desired, add V8 juice to desired consistency. Serve over cooked rice or cornbread.

**B. Light**
**Lebanon**

**MANDARIN COTTAGE SALAD**

2 cups low-fat, small curd cottage cheese
11-ounce can mandarin orange sections, drained
8-ounce can crushed pineapple, drained
2 small packages sugar-free orange flavored gelatin
1 cup light whipped topping
8-ounce vanilla nonfat yogurt, sweetened with artificial sweetner

Mix all ingredients. Cover and refrigerate until serving.

Six servings. 131 calories, 14 grams carbohydrate, 13 grams protein, 2 grams fat.

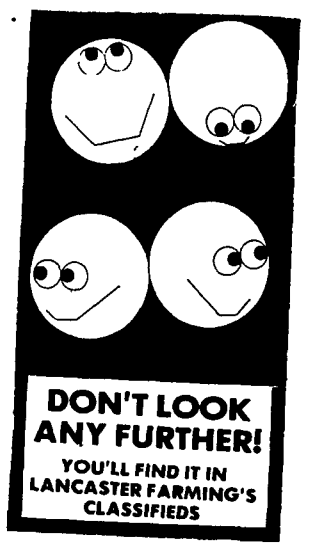
**Quick & Healthy Vol.II**

**FRUIT SMOOTHIE AND FROZEN POPS**

1 cup vanilla low-fat yogurt
½ cup apple juice
1 cup fresh or frozen strawberries
1 banana

Blend all ingredients in blender or food processor until smooth. Drink as is or freeze in popsicle molds or paper cups. Yields about 3 cups or 10-11 pops.

**Nat. Cancer Institute**



# Cook's Question

(Continued from Page B8)

**ANSWER** — Stephanie Luckenbaugh, Abbottstown, wanted a recipe for Cream of Crab Soup that tastes like the kind they serve at Rutter's Family Restaurant. Thanks to Donna Diehl, Woodbine, Md., who sent in a recipe that she said is terrific. Everyone who eats it say that it's the best they ever had. You can substitute crab meat by using imitation crab meat with great success.

**Cream Of Crab Soup**

⅔ cup butter
⅔ cup flour
1½ cups chicken broth OR 3 bouillon cubes melted in 1½ cups water
1 quart half and half
½ cup milk
1 tablespoon parsley
½ tablespoon Old Bay Seasoning or more to taste
1 pound crab meat

Melt butter in a large pot. Stir in flour slowly and blend until smooth. Slowly stir in broth, constantly stirring then simmer two minutes. Slowly stir in half-and-half and milk. Stir until thick, which will take a little time. Add remaining ingredients. Heat over low flame until hot. If soup is too thick, add another half cup milk.

**CORRECTION**—The correct mailing address for the newsletter, "Cinnamon Hearts—The Art of Living a Winning Diabetic Lifestyle," is P.O. Box 578340, Modesto, CA 95357-8340. Send $4 for a sample copy or $19.80 for a year's subscription

# Cold Weather Car Maintenance

WELLSBORO (Tioga Co.) — By now, most of you have had the experience of driving in snow or in other adverse conditions related to the weather. In order for our driving experiences to be safe and efficient, try these suggestions:

Batteries — Make sure you have the battery and the charging system tested. This should be done before temperatures get too cold. At 0 degrees F, a battery produced only 40 percent of its power. When the engine gets cold and the oil is thick, more power is required to start the car. Often, the beginning of the cold season will bring on an incident of difficult starting.

Regular maintenance — If you haven't had a tune-up in a while, get to the mechanic as soon as possible. The drop in temperature is very hard on the car. Have the hoses and belts checked, too. And don't forget the anti-freeze! A weak anti-freeze solution can cause a multitude of problems.

Brakes — Brakes that are worn or damaged can cause you to skid on wet or icy roads. Be sure to have them checked by a professional. Also, read your owner's manual to determine what type of brakes are on your car. They may be normal or they may be "anti-lock" and each type has a different recommendation for braking on slick surfaces.

Heater/Defrosters — Proper functioning defroster and heater are absolutely necessary in cold weather. Indicators that you may have a problem include frosted windows that don't seem to clear; a burning smell when the heater is on; or only cold air blowing from the vents. It's best to check them before you need them to avoid really dangerous situations.

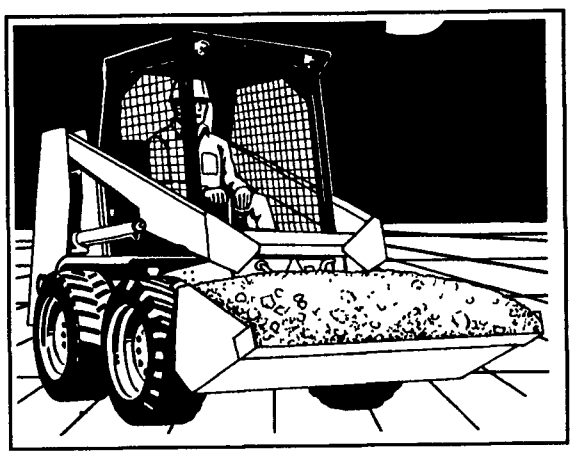
Exhaust system — Carbon monoxide can get into your car if this system is faulty. If you get stranded in the snow and decide to run the heater, be sure that the tailpipe is clear of snow. Be sure, too, to open a window just a crack so you can avoid carbon monoxide poisoning. It can be fatal.

Wiper blades and windshield washing fluid — You will almost always know when your wiper blades need to be changed. This is a nuisance any time of year. But cold weather conditions are even harder on them, and can make an even greater difference in your driving safety in winter. Check to be sure you have the reservoir filled with washing fluid and carry a spare container of it in the trunk.

Tires — Check the tread for depth and even wear. Make adjustments if necessary, or buy new tires. Remember that your tires lose pressure when the temperature drops, so check them regularly in order to maintain correct pressure, which is indicated in the owner's manual. And, how long has it been since you checked the spare?

Fuel Tank — Keep your tank at least half full during the winter. This will help avoid condensation, which can form when the tank is near empty. Also, you won't run out of gas in an emergency.

Driving in summer and in winter are two very different experiences. Proper preparation can make you a safer driver who is prepared for any circumstance.

**2nd Annual**
**Keystone Farm Show**
**CHAMPIONSHIP SKID STEER RODEO**
**York Fairgrounds, York PA**
**Tuesday, January 5th**
**Registration begins at 12 noon at the show**
**RODEO Begins at 1 pm ends at 3 pm**

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**JCB Model#185**
**provided by Ag Industrial Inc.**

The Skid Steer Rodeo is a timed obstacle course type event. Each contestant will have to operate all participating skid steers on their assigned course. The quickest overall time for all events will be declared the winner. Penalties are given for hitting props, non-completion of an event etc. Unsafe operation in any event will cause immediate disqualification. Registration is just prior to the event at the show. There is no charge to enter All operators MUST BE at least 18 YEARS OF AGE. Be prepared to prove it.

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**For More Information on the Keystone Farm show or the Skid Steer Rodeo Call Ken Maring**

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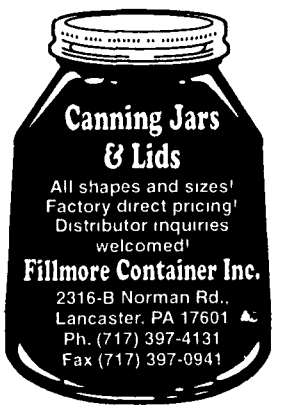




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# Kids Korner

## Kids Pledge Puppies So Others Can See

Julie Noll of Perry County is raising a yellow lab named Iman.

The Future Loving Eyes 4-H seeing eye puppy club has a purpose beyond petting puppies. The members are so service oriented, they won the Community Service Award at the Juniata County Leader Recognition Banquet in November.

**GAIL STROCK**
**Mifflin Co. Correspondent**

MIFFLINTOWN (Juniata Co.) — Every 4-Her knows about pledging his or her head, heart, hands and health. But members of the Future Loving Eyes 4-H Club take their service even further. They pledge their puppies so that others can "see."

The Future Loving Eyes puppy club includes 10 puppies being raised by about 30 people from 6 counties. The club members and their families met last week at the Messiah Lutheran Church in Mifflintown for their annual Christmas and Awards Banquet.

"I am so proud of what the kids have done," says club leader Kathy Queitzsch.

"The club has been in existence for 4-1/2 years and has raised more than 40 puppies."

The club began when Kathy, as Juniata County's 4-H Extension agent, asked local resident Jo-Anne Brooks to speak at a 4-H banquet about raising seeing eye puppies. Jo-Anne was a member of the original Puppies With A Purpose club in Lancaster County. Since then, Jo-Anne has raised 16 seeing eye puppies, one puppy at a time.

"This is my 16th dog," Jo-Anne says looking at a dog taking a snooze under the table. "Her name is K.C."

An occasional Yip! was one of the few reminders that there were dogs at this banquet. Family members took turns holding the end of the leash throughout the evening because puppies will be puppies and because the members were taught to handle these pups differently than they would a pet.

"The whole family has to agree to follow the rules before getting a seeing eye puppy," Kathy explains. "There is a whole notebook of instructions from The Seeing Eye — the puppy must be on a leash when outside; it must sleep on the floor beside the bed of the 4-H member; the dog is NOT taught to heel because it will be trained to pull; and members must consistently use certain commands such as sit down, rest (stay), come and sit, stand, forward, no, off, and quiet."

Just as puppies need to learn these rules, 4-H members and their families must clearly understand two important concepts before getting their own puppy—the puppy will never be theirs, and the puppy is destined for a very speical purpose—to help a blind person gain independence, confidence, and dignity.

Because of health reasons or temperament problems, only about 70 to 75 percent of the puppies from volunteer families ever become guide dogs. After spending 16 to 18 months with a volunteer family, puppies return to the Seeing Eye school in New Jersey for formal dog guide training.

"Families can see their dog after formal training," Kathy explains. "The Seeing Eye invites them to New Jersey for a Town Walk. Families can watch their puppies guide an instructor through town showing all they have learned the previous four months. Families can see but not approach. It's a bittersweet moment. You can't touch the dog you once kept, but you're so proud of them."

In this puppy relay race, both the person and the puppy must sit before the next pair are allowed to run. Volunteer Seeing Eye families must expose puppies to new experiences — such as line dancing.

Jo-Ann Brooks (left) and the Future Loving Eyes Puppy Club thank Kathy Queitzsch for her leadership. The cake is decorated with Dalmations. Jean Swartz and Wendy Freet will conduct the club as Kathy retires by "hanging up her lead." Kathy received a Best Friend Award pin from The Seeing Eye for her dedication to the program.

Seeing Eye Puppy Facts

- The Seeing Eye is the oldest dog guide school in North America.
- The Seeing Eye puppies live with volunteer families in eastern Pennsylvania, New Jersey and Delaware.
- Volunteer families expose their puppies to a wide variety of daily experiences such as shopping in stores, walking among strangers, and crossing busy streets.
- The Seeing Eye pays for all veterinary bills and puppy food.
- Pupies spend about 18 months with their volunteer families.
- Puppies train at The Seeing Eye for four months before being matched with a blind person.
- The blind person and his or her dog train together for 20 to 27 days.
- Guide dogs "retire" after 10 years of service.

# Pre-Season

# SAVINGS

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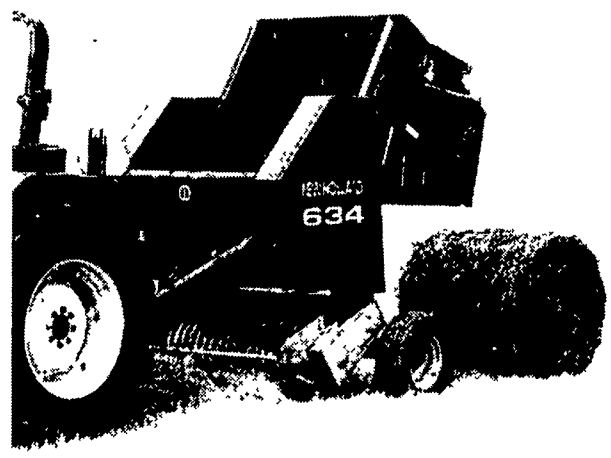


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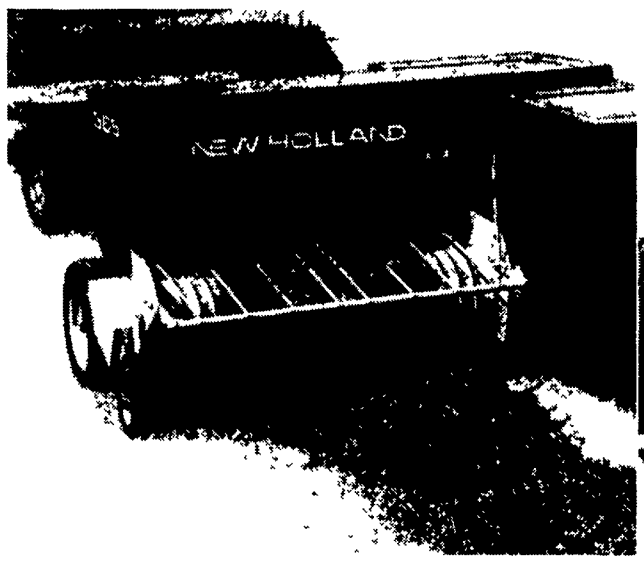


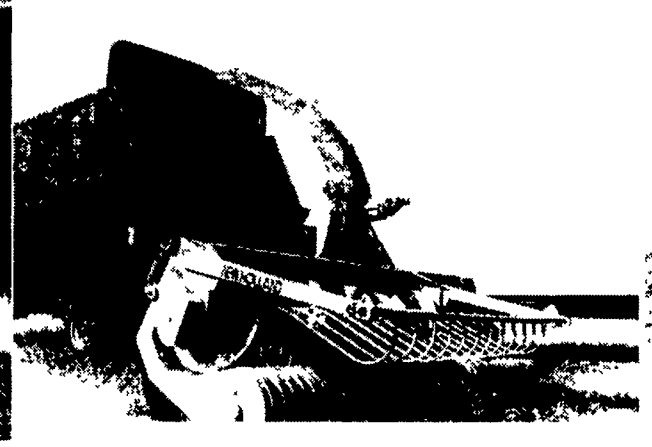

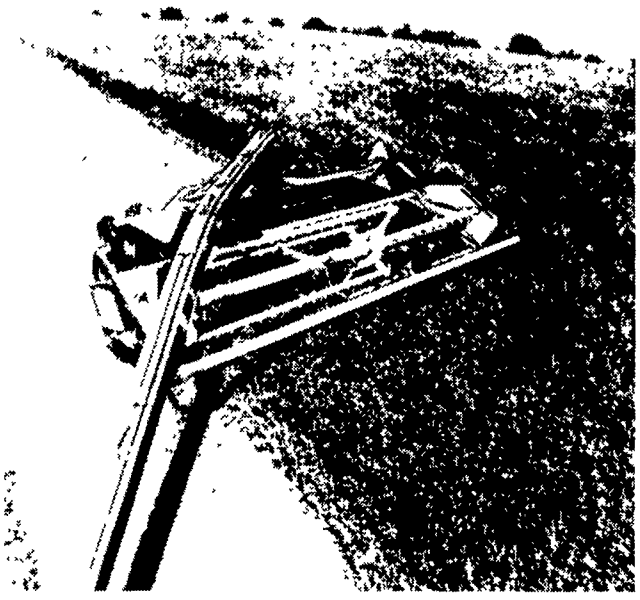

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**NEW HOLLAND**

# Chestnut Trees May Thrive Again

JINNY WILT
Adams Co. Correspondent

YORK (York Co.) — In the year 1520, a member of DeSoto's expedition exclaimed, "Where there be mountains, there be chestnuts."

Unfortunately because of an exotic fungus — an Asian organism — accidentally imported and first discovered on New York City chestnut trees in 1904, the statement no longer rings true.

However the prognosis for the tree is improving thanks to the energetic lot who are all members of The American Chestnut Foundation

The Pennsylvania Chapter of The American Chestnut Foundation is located in York, where office manager and foundation member Dave Armstrong, a retired military man who devotes his time to helping to develop an American Chestnut Tree that is immune to the blight, answers phone calls about the project

One of Pennsylvania's breeding sites is on land by his home near Codorus State Park. Armstrong is working with eight different types of American Chestnut Trees in an attempt to find one that will not be susceptible to the fungus. The American Chestnut Tree had no resistance to the imported fungus which caused the chestnuts' extinction.

Of the project Armstrong said, "It's a passion," noting it feels good to know you can make a difference.

Another breeding site is on the Southern York County property of Ann and Bob Leffel where 400 specimen line up in a field. Bob Leffel, a former plant breeder with the U.S. Department of Agriculture, is just as devoted to the trees as Armstrong. He stands by his nursery and quietly responds to a question about his enthusiasm for the project by stating, "I suppose there's a romance to it."

His demeanor brings to mind the English proverb "He who plants a tree loves others besides himself."

Leffel works in conjunction with his wife, Ann, who has put in long hours as the past president of the Pennsylvania chapter. She talks about the journeys into the forests to find healthy trees for pollination purposes and calls the breeding program a form of planned parenthood

Bob Leffel, who often lapses into scientific jargon about the backcross method of plant breeding being used, explains that the American Chestnut Tree was once the dominant species over much of the Eastern U.S. forests. It no longer is, although some healthy trees have been found in Michaus State Forest near Chambersburg. There are forests throughout the Commonwealth that have not yet been explored, Armstrong said.

In literature provided by the foundation it is reported that at one time the American Chestnut ranged from Maine south to Georgia and from the Piedmont west to the Ohio valley In the heart of its range only a few generations ago, a count of trees would have turned up one chestnut for every four oaks, birches, maples, and other hardwoods.

In an attempt to develop disease resistant trees, Bob and Ann Leffle nurture chestnut trees at the breeding nursery located on their property in Southern York County. The timber from the tree is straight-grained, lighter in weight than oak, and more easily worked. It is rot resistant and before the trees extinction, the wood was used for telegraph poles, railroad ties, shingles, paneling, fine furniture, musical instruments, pulp, and almost everything wood related.

Leffel points to telltale signs of the fungus that attacts chestnut trees. The fungus wiped out the prolific chestnuts during the early 1900s. Before the imported fungus spread, the ridgetops of the central Appalachians were so thoroughly crowded with chestnut trees that the mountains appeared snow-capped from the trees creamy-white flowers during the early summer season. Chestnut trees are reported to have been the most dominant species over much of the eastern United States' forests.

Many of the dry ridgetops of the central Appalachians were so thoroughly crowded with chestnut that, in early summer, when their canopies were filled with creamy-white flowers, the mountains appeared snow-capped.

Native wildlife from birds to bears, squirrels to deer, depended on the tree's abundant crops of nutritious nuts.

Chestnuts were also a cash crop for Appalachian families and were shipped by the railroad car-full to New York, Philadelphia, and other large cities where street vendors sold them fresh-roasted.

They've also made their way into song and poetry.

But it's fruit was not the tree's only value. It was one of the best for timber. It grew straight and often branch-free for up to 50 feet. Straight-grained, lighter in weight than oak and more easily worked, chestnut was as rot resistant as redwood. It was used for virtually everything — telegraph poles, railroad ties, shingles, paneling, fine furniture, musical instruments, pulp and plywood.

And now with much hard work the national foundation hopes to "have a very limited release by 2006," according to Bob Leffel.

He has many good things to say about the late Dr. Charles R. Burnham, a genetist and founder of the American Chestnut Foundation. So does Agronomy News, which wrote a tribute to him after his death in 1996, calling him "A scholar to be emulated."

His 70-year career continued even from his nursing home room where he was writing a manuscript addressing important questions concerning how chromosomes pair and adding to a book called "Genetics is For Everyone."

Restoration of the chestnut trees was a priority, and when he retired from the University of Minnesota in 1972, he founded the nonprofit foundation to develop a disease resistant tree by using methods not previously employed and a research farm in Virginia was dedicated to this effort.

It is Burnham's work that Leffels and Armstrong actively pursue through their American Chestnut Tree nurseries.

Anyone interested in joining or supporting the foundation can reach Armstrong at (717) 852-0035 for more information.

# War, TV And Our Children

TOWANDA (Bradford Co.) — The war coverage, like kids' cartoons, can become addictive. Many hours of TV bring the horrors of war into our home. What should concern us is the possible effect this non-stop coverage might have on children. Even more importantly, what can parents do to ease a child's fear?

Recently, the National Association for the Education of Young Children issued a warning about media violence. They went on record as condemning violent television programming, movies, videotapes, and computer games.

What is particularly dangerous in the present Iraq situation is the apparent innocence of the TV programming. The nightly news or the network news brief, carries the violent programming! It's not the hour-long sitcom or weekly shoot-em-up program.

Research has shown time and time again that violence on TV is not healthy for developing children. Three problems are associated with heavy viewing of violence on television.

• Children may become less sensitive to the pain and suffering of those around them. Simply put, children who view heavy doses of violence just "get used to it."

• Children may become more fearful of the world around them, if they view lots of TV violence.

• Viewing large amounts of TV violence leads many children to act in an aggressive or harmful manner.

Meanness and fighting increase.

Sometimes the effects are immediate. One mother told of her 13-year-old son who seven years ago during the Gulf War sat watching the news from the Gulf and observed the close-up bombing raids and the effects of the high-tech bombs. Immediately he switched on the Nintendo game and proceed to continue the "bombing raids" using a game.

"It was frightening" the mother said, "it was almost like the Gulf and his game were the same."

Parents have a tough job. On the one hand most parents want their children to be interested. Most want their children to have human concern. This is best achieved by keeping up to date and watching the news programs. On the other hand, children can get too much real life violence and suffer some of the problems mentioned before, like being fearful of the world. Balancing these two is difficult. If different age children are present it's even more touchy.

Parents can help their children understand and understanding will help minimize the effect of violence on TV. View the news together. Talk about what is happening. Often children have incomplete or false ideas about what they are seeing. They don't understand the news person who is explaining an event. Get our a globe or large map. Most libraries have a globe, so do schools. Use the globe to show your child where the war is and where he lives. Children sometimes fear a bomb will drop on their home.

If your child is afraid, and many are, talking helps. Allow your child to talk. Parents should make time to listen. Try to figure out what the child is afraid of. Help your child understand what she is afraid of and help her find the difference between fantasy and reality.

One child, whose house is near an airport, screamed out when an airplane came over his house. His father calmly admitted that the sound of an airplane could be scary. They also talked about all the hundreds of planes that had gone over before. "They are landing at the airport. This one you heard landed just like all the others. Tomorrow, you and I will drive by the airport and try to see the plane that landed. Now, go back to sleep."

For additional information on coping with war contact the Extension Office at (570) 265-2896 or 701 South Fourth Street, Towanda, PA 18848. Plese specify if you need information to help young children, elementary age children, teens, adults, or families with a loved one deployed.

If you have access to the Internet you may want to search the College of Agricultural Sciences, PenPages, for information at <http://www.penpages.psu.edu/search.htm>. Use the keywords "Desert Storm" or "war."

# You ask You answer

**This column is for readers who have questions but don't know who to ask for answers.**

**"You Ask—You Answer" is for non-cooking questions. When a reader sends in a question, it will be printed in the paper. Readers who know the answer are asked to respond by mailing the answer, which will then be printed in the paper.**

**Questions and Answers to this column should be addressed to You Ask—You Answer, Lancaster Farming, P.O. Box 609, Ephrata, PA 17522. Attention: Lou Ann Good.**

**Do not send a self-addressed, stamped envelope for a reply. If we receive the answer, we will publish it as soon as possible. Please include your phone number because we sometimes need to contact the person to clarify details. We will not publish your phone number unless you request it.**

**QUESTION** — Bill Russell, Carlisle, would like to buy old books "Motorcycle Chums," "The Big Five Motorcycle Boys" and "Tom Swift and His Motorcycle," which were published about 1913-1920. There are several in each series. Write to him at 3305 Enola Rd., Carlisle, PA 17013.

**QUESTION** — Susan McKinsey, Windsor, would like to know where to purchase cards, note pads, note cards, and stationery with Holstein cows on them.

**QUESTION** — B. Light, Lebanon, wants to know where to obtain dolls and colored milk filter pads to dress dolls with them. Lee Wards no longer sells them.

**QUESTION** — Henry Swareys, Mifflintown, has an old game called Wildlife, made by E.S. Lowe Co. The game has play money and animal cards, but the rules are missing. Does anyone have a copy to send to the Swareys at R.2, Box 522, Mifflintown, PA 17059-9649. They have no phone.

**QUESTION** — Rose Diehl, Bloomsburg, wants to know how to clean cast iron butchering kettles.

**QUESTION** — Lucinda Martin asked why all their spring frogs disappeared from their pond about three years ago. She misses their croaking and wonders how to get them back.

**QUESTION** — A Shippensburg reader would like help with her Majesty potted palm. The leaves are turning yellow and brown and drying up. She keeps it out of direct sunlight and gives it plenty of water and fertilizes it once a month. She transplanted it into a larger pot, but it hasn't helped.

**QUESTION** — Mike from Pottsville would like information on Black Welsh Mountain sheep and where they can be purchased.

**QUESTION** — Annie Stoltzfus, Quarryville, would like to purchase a wooden butter churn or know of someone who could make a paddle for a churn. State condition and price when writing to her at 793 Robert Fulton Hwy., Quarryville, PA 17566.

**QUESTION** — Edward Banning, Bridgeville, DE, needs help in tracing his great-great grandfather and grandmother. Their names were Isaac and Mary Lehman, who moved from Chester Co., Pa. to Federalsburg, Caroline County, Md., where they purchased a track of farm land in 1867. Isaac was born June 9, 1824 and his wife was born July 29, 1832. Banning wants to know how to go about tracing the ancestry and any other helpful information.

**QUESTION** — Shirley Young, R.2, Box 2569, Nescopeck, PA 18635, would like to find copies of "Sweet Things and Such," a cookbook written by Florence Shunk of Berks County and copyrighted 1979.

**QUESTION** — Eleanor Stewart, 360 Summit Rd., Bellefonte, PA 16823, would like to find a green book with the name Stuart on the front. The book is about the Stuart descendents of the Canesteo Valley about 1850-1900.

**QUESTION** — Joann Robbins, 1705 York Rd., Hartsville, PA 18974, wants to purchase Judy Bolton and Dana Girls Mystery books.

**QUESTION** — Joseph Rosin, Middletown, would like to know where he could purchase cheese curds. He lives in Frederick County, Md., and would like the source to be relatively nearby. Call him at (301) 371-4537.

**QUESTION** — Kathleen Reiff, Stevens, would like a source to purchase Broad and Narrow Way posters, which were printed in Germany but is now said to be out of print. She is also looking for copies of "Favorite Hymns of Praise" published by Tabernacle Publishing Co., Wheaton, IL.

**QUESTION** — Lamar Reiff, Stevens, needs a radiator cap for his Farmall B Tractor. He also wanted to know how barley straw is used to control pond algae. According to a recent article in this column, a bale is dropped into the pond in early spring before the algae begins to form.

**QUESTION** — Pam Eyer, Carlisle, would like to buy a game Balderdash, which has been used but in good condition.

**QUESTION** — Pam Eyer, Carlisle, would like a source to buy stationery items such as notecards, mailing address labels, and Christmas cards with pictures of Jack Russell Terriers on them.

**QUESTION** — Clyde Clark, Milan, writes that when he was at a yard sale recently, he purchased a Kismet game. The game is in good condition, but he needs scone cards for the game. He wrote to the company, but the letter was returned with no forwarding address. He would appreciate any help readers could give him.

**QUESTION** — Betty Chaffee, Warren, writes that a Pennsylvania Dutch style afghan was featured in the Spring '72 issue of McCall's Needlework magazine. She had ordered Leaflet #DUTCH 791-NB, which had directions to crochet the afghan. While moving, she lost the leaflet. She contacted McCall's but they cannot help her. She hopes one of our readers can send the instructions to her at 1410 PA Ave. East, Warren, PA 16365.

**QUESTION** — H.W. Stewart, 150 Shiloh Rd., State College, PA 16801, would like to know where to obtain an old catalog from the Mifflinburg Body Works. He is willing to pay a good price.

**QUESTION** — Darrell Martin, Lititz, is looking to an experienced trainer to train or help him tain a Border collie.

**QUESTION** — Linda Christman, Greencastle, is looking for books by John Pfluegar on Franklin County Peters Twp.

**QUESTION** — Michael Palmer, Bangor, wants to know of someone who will galvanize two butchering stove lids.

**QUESTION** — Cindy Eshelman, Jonestown, would like to know where to find a Rubbermaid watering can, one gallon size.

**QUESTION** — V&C growers, Rocky Ridge, Md., would like to know where to purchase smooth bottom rubber boots that slip over shoes.

**QUESTION** — Evan Weidman, Newville, wants to know where he could obtain a small cheese vat to make cheese.

**QUESTION** — Gregory Badger wants to know where to order western shirts made from feed sacks with the colorful artwork Pawnee Bill's Wild West Show.

**QUESTION** — Pat Chance, Clayton, De., writes that several years ago she recalls attending Creative Circle home parties, which sold all kinds of needlework supplies. She would like to know if the company is still in business and how to contact the company.

**QUESTION** — Rachel Rudolph, New Oxford, wants to know where she could buy a new or used 18-quart Farberware kettle.

**QUESTION** — Mrs. R. Strauss, Ephrata, wants to know who repairs Monarch Coal Kitchen Ranges. Hers has some rust damage on the back part of the stove.

**QUESTION** — Evan Weidman, Newville, would like to know where to get a boor or whatever its called to shell dried beans.

**QUESTION** — M.W. Hamilton, Thornton, is looking for a source to purchase full-size models of plastic swans.

**QUESTION** — A reader recently purchased a small farm in Lancaster County with a 4,000 square foot tobacco barn on it. The barn is in excellent condition. Can anyone suggest an appropriate charge to rent out the tobacco barn?

**QUESTION** — Amos Stoltzfus, Blain, is interested in languates and recently acquired what appears to be a school reader in the Polish language. It is copyrighted 1853. He'd like to know if there is a Polish-American who would translate a poem or two for him. If so, write to Amos at R.1, Box 160 SR 17, Blain, PA 17006-9714.

**QUESTION** — Kenneth Hixon, Warfordsburg, would like the address for "Progressive Farmer."

**QUESTION** — Doris Hellerick, Dublin, is interested in purchasing a life-sized plywood black and white cow for lawn display.

**QUESTION** — Herman Kinsinger, Stuarts Draft, Va., wants to know where to find new parts for the Zero milkers. He heard the milkers are no longer manufactured.

**QUESTION** — A reader from Leola area would like to know where to get flails for an Agri-Tech model #GS20120 finish mower, new or used.

**QUESTION** — Mike from Pottsville wants the name of a company that sells egg cartons and will print the farm logo on the cartons.

**QUESTION** — Susan Forry, 25 Woodward Court, Annapolis, MD 21403, is searching for information on how old a two-story house located on Burma Road in Columbia (West Hempfield Township is. A barn and tobacco shed once stood on the 80-acre property that is approximately 3/10 mile off the road.

Prior to its present owner (Daniel Forry) it was owned by the following people: Robert Garber, Elmer Garber, Paris H. Garber, Aaron Herr, Rudolph Herr. It was possibly owned by Henry S. Eshleman (1851), Henry Neff (1853) Henry Hogendobber (1856), Abraham Metzyer, Andrew Bowers (both 1856), Jacob Reitzell (1823), and or John Reitzell.

**QUESTION** — A New Tripoli reader would like to purchase barley straw to control algae in the pond. She wants to purchase the straw in the New Tripoli area.

**QUESTION** — Shirley Runk, Mount Union, would like to know where to purchase plastic lids with a spout that are used on one-gallon Sun-tea jars.

**QUESTION** — Leon Stoltzfus, Leola, would like to know where to purchase the round juicing disk for an Atlas Juicer made by Juice Master Mfg., Co., Model 36. No. D12041.

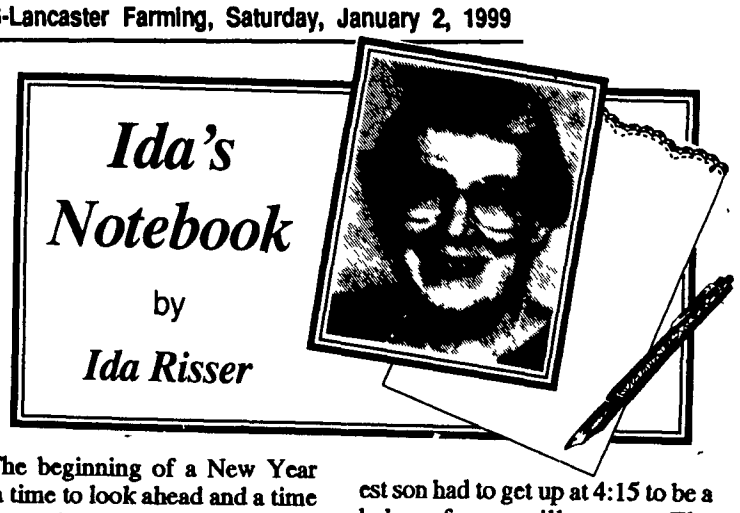
**ANSWER** — Robert Dannenfelter, Bridgeville, wanted to know where to order six to eight old-wire-style egg gathering baskets. Thanks to Velma Nolt who writes that the baskets can be ordered from Daniel's Farm Store, 324 Glen Brook Rd., Leola, PA 17540. Or call (717) 656-6982.

**ANSWER** — In answer to Ben Kisinger, Meyersdale, Fred Heck writes that he has a power unit of a IHC 50T baler for sale. The engine will fit a Farmall Cub tractor. Write to him at 230 Nottingham Rd., Nottingham, PA 19362.

**ANSWER** — Daniel Fleming of Lovettsville, VA requested plans for a tricycle propelled by hands and arms. Thanks to Clair Hostetter who writes that one model plan is found in the "Chilton Hobby Series, Riding Machines for Kids," printed by Chilton Book Co. of Radnor. Or, contact Clair at 409 Clay Rd., Lititz, PA 17543.

# Sewing Club Open To New Members

SCRANTON (Lackawanna Co.) – The Glenburn 4-H Sewing Club is taking registrations for youth to sign up for 4-H textile science projects on January 9 at 2:00 p.m. at the home of 4-H leader, Hilda Lewis. In 4-H, members learn basic clothing construction skills to complete a garment of their choice, according to their experience and interest. Leaders, Hilda Lewis and Ann Northup of RR 4 Dalton, accept all levels of experience from beginners to advanced including tailoring and formalwear. Both boys and girls ages 10-19 years are encouraged to register by calling either the Penn State Cooperative Extension office at (717) 963-4761 or Hilda Lewis at (717) 563-1369.




The beginning of a New Year — a time to look ahead and a time to remember. I thought it would be interesting to chronicle the first of January for a few past decades.

So, I looked at my diary for January 1, 1938. At that time I lived with my parents and tended my sister's chickens. As there was no school, my parents butchered three pigs while they had children to help. It must have been a dry period as we chased our steers one-third of a mile to the Conestoga River to drink when the cistern was empty.

Then January 1, 1948 told of my making wedding plans and shopping for new clothes as I was to be married in three weeks. We were also putting electricity in the 1813 house that we planned to move into later.

January 1, 1958 showed a big change in my life. We now had four children. My husband and his father were cutting up a beef while I washed the milking equipment and did a big pile of ironing.

January 1, 1968 and now there were six children with varied activities. The oldest girl was in college but worked in a store when she came home on break. The oldest son had to get up at 4:15 to be a helper for a milk tester. The younger children went sledding.

January 1, 1978 noted that the younger ones were babysetting for the neighbors until 1 a.m. and 2 a.m. I visited my mother-in-law in a nursing home and wrote an article for *Lancaster Farming*. Someone stole the boys' muskrat traps.

January 1, 1988 — we were getting older and Allen took time to watch a football game. I did laundry and pasted articles in a scrapbook. My narcissus bulbs bloomed.

January 1, 1998 we had spare ribs, mashed potatoes, and sauerkraut for dinner. I baked a dish of Brown Betty and changed all of the calendars. How life changes!

# Ag Careers Experience Strong Demand

(NAPS) — As the agricultural industry strives to meet the world's ever-expanding need for food and fiber, career opportunities in agricultural are experiencing a strong demand. A Purdue University School of Agriculture study estimates that 47,918 new agriculture-related jobs will open in each of the next three years in the United States. Only 45,675 qualified graduates are expected each year, resulting in a shortfall of nearly five percent.

Marketing, merchandising, and sales positions are expected to account for nearly 30 percent of the job growth. Must jobs in this category will be found in food and forest products distribution, and in consumer services associated with landscape horticulture and lawn care.

Twenty-nine percent of the new jobs will be for scientists, engineers, and related specialists. Food scientists, food process engineers, and other scientists involved in the research and development of new consumer products from raw agricultural materials will be in the greatest demand. Science and engineering careers involved with water quality and the environment also look promising.

The Purdue study says managers and financial specialists will account for nearly 12 percent of job openings. Consulting opportunities will be especially strong as the growing complexity of ag operations will often require specialized advisors.

Strong job growth will also occur in the fields of communications and education, accounting for 11 percent of the new jobs. With technology and computers playing an increasingly important role in agriculture, opportunities for computer information specialists will be especially great. Current low enrollments in agricultural education program forecast a shortage of agricultural teachers at the high school and middle school levels.

Occupations in social services will account for ten percent of job openings. These include dieticians, nutritionists, inspectors, and compliance officers. A growing appetite for outdoor recreation activities means more career opportunities for naturalists and park rangers.

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# MFB Conducts Convention In Hagerstown

**KAREN BUTLER**
**Maryland Correspondent**

HAGERSTOWN, Md – The 83rd annual Maryland Farm Bureau (MFB) meeting and convention held here at the Ramada Inn drew more than 400 members to the western part of the state for three days of discussion groups, presentations, and an award banquet.

The meeting featured assistant secretary of agriculture Royden Powell III as a keynote speaker, and also offered Farm Bureau members an opportunity to review and discuss a number of policy updates that will form the basis for the organizations, legislative stances in Annapolis and Washington, D.C. next year.

Royden Powell is responsible for policy development and program management for soil conservation and water quality at the Maryland Department of Agriculture. During the past year Powell has played a major role in framing specific elements of the Water Quality Improvement Act of 1998, the legislation passed last year by the Maryland General Assembly that will impose mandatory nutrient management plans on almost all Maryland farms. Only agricultural operations grossing less than $2,5000 annually or ones with less than eight animal units (one animal unit = 1000 pounds) will be exempt from the new law.

Under the new bill the Maryland Department of Agriculture has been given full legislative authority to implement the law, and Powell is overseeing the development of the new nutrient management regulations.

Powell led a panel discussion on the new nutrient management law. He offered farmers a perspective on some of the sobering regulations that are being formulated in Annapolis as a result of the new law.

Farmers using commercial fertilizers are required to have nitrogen and phosphorus-based nutrient management plans developed by the end of December 2001. These plans must be implemented by December 2002.

Farmers applying animal manure or sludge must have a nitrogen-based plan developed by December 21, 2001, and implemented by December 31, 2002. Farmers applying sludge or manure are also required to develop a nitrogen and phosphorus-based plan by July 1, 2004. These plans must be implemented by July 1, 2005.

In other convention news, after several years or discussion, MFB members voted to create a Political Action Committee, or PAC. Basically, the PAC will raise funds to help finance the political campaigns of candidates who, once elected to office, will serve as advocates for agriculture.

Retiring directors honored for their service to Farm Bureau were, from left to right, Glenn Shirley, Carroll County; Charles Fry, Frederick County; Alfred Hanes, Cecil County; Trego Zimmerman, Frederick County; Ron Cashdollar, Howard County; Blan Harcum, Sr., Wicomico County; George Bradley, president of young farmers and ranchers; C. William Knill, past president; Steve Weber, president; Dan Shortall, first vice president; Mike Phipps, second vice president; and Michael Wilcom, incoming president.

Michael Wilcom accepted the Silver Bowl Award for Frederick County.

The Frederick County women's committee was named the outstanding women's committee for the fifth straight year. Shown from left to right are Carolyn Lechlider, president of MFB women's committee at the state level; Louise Stup, chair of the Frederick County women's committee; and Steve Weber, president of MFB.

The Maryland Friends of Agriculture Fund, or AG Fund, as the PAX will be called, will work through political involvement to develop an atmosphere in Maryland that is favorable to a healthy agricultural community. It will function without regard to party affiliation, and will be a seperate fund that is "connected" to Maryland Farm Bureau. The fund will be governed by a 14-member board of directors.

At the awards banquet, Frederick County was honored with the highest Farm Bureau honor, the silver bowl award. The award is presented each year to the county with the best overall program, as determined by the gold star awards for each of eight program ares. The eight program areas are membership, pubic affairs, national affairs, information, Farm Bureau women, young farmers, discussion group, and service to member. Frederick County had received a gold star in each program.

Other counties recognized for eight gold stars were: Anne Arundel, Baltimore, Calvert, Carroll, Charles, Howard, and Somerset. Earning seven gold stars were: Alleghany, Cecil, Prince George's, Queen Anne's, and Wicomico counties. Six counties earned six gold stars: Caroline, Dorchester, Harford, Montgomery, St. Mary's and Talbot. Washington and Worchester counties were each awarded three gold stars, and Garrett County earned one.

The Anne Arundel County young farmers group was recognized as best overall young farmers group in the state.

The women's committee of Frederick County was selected as the outstanding women's committee for the 5th year in a row.

Cliff Turner, left, chair of the Anne Arundel County young farmers group, accepted the award for best young farmers group from Steve Weber, MFB president, and George Bradley, president of young farmers.

Three young farmers were honored with scholarships toward their college educations. From left Brinsfield Lowe, president of Dorchester County FB, accepting for Ralph Jackson IV: Donna Baumann; and Gina Rende.

Gibson's Texaco in Lothian, Anne Arundel County, was honored as the Safemark tire dealer with the highest sales for the past year. Safemark is the Farm Bureau service company that provides tires and parts at reduced prices to FB members.

Congress Roscoe Barlett as honored with a Friend of Farm Bureau Award. "When I look at the legislative agenda of the Farm Bureau, I have very little to quarrel with," said the congressman. "It's awfully easy to

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# Centre/Clinton Holstein Breeders, DHIA Hold Joint Meeting

STATE COLLEGE (Centre Co.) — The Holstein breeders of Centre and Clinton counties and the Centre County DHIA jointly held their annual meetings Nov. 12 at the Logan Grange Hall in Pleasant Gap.

Holstein Club President Paul Hartle introduced a number of guests, including Terry Maddox and Beth VanHorn from the Centre County Extension Service; Billie Jo Burd, Centre County dairy princess; Kenneth Raney, executive director of the Pennsylvania Holstein Association; and David Lentz, representing Holstein USA.

The Holstein Club acknowledged accomplishments and other recognitions given members during 1998, while the Centre County DHIA recognized outstanding production and management.

Centre County Holstein Breeders junior members were recognized for several accomplishments.

The junior dairy bowl team won the state competition in February, and went on to win the national junior dairy bowl contest in June in Louisville. Members of the team include Emily and Ben Cloninger, and Jay and Zachary Harding.

Junior members Karen Struble and Troy Hartle won speach contests at the 1998 state Holstein convention, and Hartle repeated his speech on showring ethics, much discussed during the year.

Ben Cloninger was recognized for being one of six finalists in the junior-aged division of the state Holstein Distinguished Junior Member Contest.

Emily Cloninger and Troy Hartle were finalists and Lori Connelly was one of the winners in the intermediate-aged division of the contest.

Chris Connelly was a winner in the senior-aged division of the contest, and also received a youth scholarship. Later, at the national Holstein convention, Chris was one of six national winners and receieved a $1,000 Cookbook Scholarship.

In other youth member news, Karen Struble had three of her cows qualify for the state 150,000-pound milk production awards.

Lori Connelly's fall calf was named Junior All-Pennsylvania winner for its class.

Connelly herself was elected president of the Pa. Junior Holstein Club.

Jennifer Dotterer, named state dairy princess in September, and Chris Connelly were named winners of the club's youth scholarships.

Among the adult members of the two-county Holstein club, recognized was past state Holstein president Jay Houser whow was inducted into the association's Hall of Fame.

Member Fred Strouse was recognized as half of the ownership (Tom McCauley of Elizabethtown is the other half) of Dandyland Starbuck Maggie, grand champion of the state fall championship show, as well as grand champion of the Eastern National Holstein Show.

The club served as host this year to one of the state Holstein Association's junior judging schools, and club members Tom and Lori Hartle of Bellefonte and Paul and Dee Courter of Mill Hall were

From the left, in the front row, junior members of the Centre/Clinton County Holstein Club are Matt Ulmer, Emily Cloninger, Amy Hartle, and Ben Cloninger. In the back row, from the left, Karen Stringer, Craig Stringer, Brian Stringer, Troy Hartle and Buck Gates.

thanked for presenting Holsteins to the youth participating in the school, while Craig and Susie Wicker were thanked for presenting Jerseys, and the Dean Daubert family was thanked for their Brown Swiss classes.

In Centre County DHIA awards, the high protein production herd was Valley End Farm, owned by the Ron Hough Sr. family. They were also recognized as the winner of the county herd management award.

Steve Mundrick was recognized as having the most improved herd for milke and protein.

Receiving four DHIA awards were Ideal Holsteins, owned by Jacob and Sallianne Tanis. Their Camelot HHR Aspen cow was named top milk producer with 45,305 pounds of milk, 1,587 pounds fat, and 1,238 pounds protein.

Their C Beckalea Verna Rookie was named high protein producer with 1,369 pounds protein out of 41,688 pounds milk, and 1,528 pounds of fat.

The Tanis's Ideals Bachelor Johanna was the winner of the county top lifetime production awards for milk and protein. She made 269,552 pounds milk, 9,796 pounds of fat, and 8,403 pounds of protein.

The herd with the lowest somatic cell count was that owned by Doug Vanada.

Barb Rossman's herd was recognized as having the most improved somatic cell count.

In the junior Holstein production awards, among the 2-year-olds, Matt Ulmer had the winner for milk, fat and protein production with his Guided-Path Slocum Haly-ET making 30,523 pounds milk, 992 pounds fat, and 903 protein.

Among the 3-year-olds, Ben Cloninger's Ideals Astre Terry was the top producer of milk, fat and protein with 31,275 pounds milk, 1,021 pounds fat, and 927 pounds protein.

Among the 4-year-olds, Karen Stringer had the top producer of milk and components with her Stingers Cleitus Ursula making 28,959 pounds milk, 1,236 pounds fat, and 948 pounds protein.

The top producing 5-year-old for milk and fat was Brian Stringer's Stringers Vanguard Unie with 26,006 pounds milk, and 1,027 pounds fat.

Owned by Karen Stringer, the top protein producing 5-year-old was Stringers Ned Boy Unicorn with 807 pounds.

The 150,000-pound lifetime production award was presented to Buck Gates for his Maple-Hill Farm Cleitus Feann with 153,030 pounds milk, 5,477 pounds fat, and 4,890 pounds protein.

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# Fulton County Agribusiness Breakfast Set

McCONNELSBURG (Fulton Co.) – The Fulton County Extension Office in conjunction with the Fulton County Conservation District will be holding an agribusiness breakfast on Tuesday, Jan. 5, at the McConnellsburg American Legion Post 561.

Bill Fink from the Fulton County Conservation District will discuss nutrient management and its impact on agriculture and the environment. The monthly agribusiness breakfast will start promptly at 8 a.m. and will adjourn at 9 a.m.

Breakfast will cost $4.50 per person and will include scrambled eggs, bacon, sausage, toast, coffee, milk, and orange juice.

If you would like to attend, contact the Fulton County Extension Office at (717) 485-4111 or the Fulton County Conservation District at (717) 485-3547.

# MFB Conducts Convention In Hagerstown

(Continued from Page B17)

be soul mates with the Farm Bureau and the Farm Bureau agenda."

The Frederick News-Post received an award for excellence in reporting.

Dan Shortall, retiring first vice president, was honored with a clock for his years of service.

And three young FB members received scholarships toward their college educations at Maryland schools. The scholarship winners were Gina Rende, daughter of Frank and Janice Rende, Caroline County; Donna Baumann, daughter of Donald and Barbara Baumann, Wicomico County; and Ralph Jackson IV, the son of Ralph and Gale Jackson, Dorchester County.

Steve Weber, MFB president, presented Becky Long-Chaney, agriculture editor for the Frederick News-Post, with a plaque for excellence in reporting.

Congressman Roscoe Barlette, left, received a Friend of Farm Bureau Award from Steve Weber, president of MFB.

# Top Pennsylvania DHIA Herds By County For November

**The top producing herds above 675 pounds of protein in Pennsylvania DHIA for November are listed by county. In addition, herds from New Jersey and New York are also listed. They are as follows:**

| NAME | NO COWS IN MILK | MILK LBS | FAT LBS | FAT PCT | PRO LBS | PRO PCT |
|---|---|---|---|---|---|---|
| | | ADAMS | | | | |
| C & T DURBORAW | 68 6 | 25626 | 913 | 3 6 | 829 | 3.2 |
| DALE&DEANNA BENDIG | 86.6 | 25082 | 922 | 3.7 | 811 | 3 2 |
| ROBERT C HOFFMAN | 27.8 | 24624 | 874 | 3 5 | 757 | 3 1 |
| BEAVER RUN FARMS | 127.4 | 24226 | 815 | 3.4 | 735 | 3.0 |
| KE-HOLTZ DAIRY | 289 0 | 23446 | 867 | 3.7 | 723 | 3 1 |
| LAGGING STREAM FARM | 143 1 | 22698 | 898 | 4 0 | 723 | 3 2 |
| BROWN VALLEY FARM | 77.3 | 22053 | 917 | 4.2 | 703 | 3.2 |
| KENNETH H WENGER | 134.9 | 21286 | 802 | 3.8 | 689 | 3.2 |
| R+K CUNNINGHAM | 45.1 | 21772 | 813 | 3.7 | 680 | 3.1 |
| LEROY DEPUTY | 146.0 | 21637 | 812 | 3.8 | 677 | 3 1 |
| | | ARMSTRONG | | | | |
| MARK+DAVID CAMPBELL | 83.8 | 24487 | 900 | 3.7 | 787 | 3 2 |
| TE & MARYJEAN GROOMS | 60.4 | 23757 | 815 | 3 4 | 767 | 3 2 |
| CLAYHOLM FARM | 143 0 | 23147 | 857 | 3.7 | 757 | 3.3 |
| FAIR VIEW DAIRY | 73 0 | 21505 | 831 | 3.9 | 708 | 3 3 |
| MAYPORT HILLS HOLST | 57.2 | 22376 | 762 | 3.4 | 691 | 3.1 |
| | | BEAVER | | | | |
| BONZO ONE-O-ONE | 38 1 | 25460 | 930 | 3 7 | 824 | 3.2 |
| JOHN+WENDY COOPER | 92.4 | 23567 | 823 | 3.5 | 746 | 3.2 |
| DIANE BURRY | 19.2 | 22610 | 822 | 3.6 | 729 | 3.2 |
| F KEITH NYE | 123.7 | 20545 | 769 | 3.7 | 677 | 3 3 |
| | | BEDFORD | | | | |
| ROCKLANE FARM | 63 7 | 31613 | 1112 | 3.5 | 982 | 3 1 |
| ANDY T MOHR | 79.6 | 26533 | 977 | 3.7 | 865 | 3 3 |
| STEVE + JERI RITCHEY | 71 5 | 25367 | 962 | 3.8 | 816 | 3.2 |
| MARLIN D HEISEY # | 76.2 | 25900 | 872 | 3.4 | 805 | 3 1 |
| PAUL & DAVID HELSEL# | 135.6 | 23530 | 885 | 3.8 | 774 | 3 3 |
| HAROLD S ZIMMERMAN | 47 7 | 24071 | 853 | 3.5 | 750 | 3 1 |
| BOWMAN BROTHERS | 79.0 | 23019 | 854 | 3.7 | 748 | 3.2 |
| BEAVER CREEK FARMS | 34.0 | 22432 | 802 | 3.6 | 738 | 3 3 |
| MARK & LOIS YODER | 64.7 | 24030 | 869 | 3.6 | 733 | 3.0 |
| MEADOW CREEK FARM | 181 9 | 23027 | 865 | 3.8 | 725 | 3.1 |
| RUSSELL WYLES | 85.5 | 22188 | 832 | 3.8 | 709 | 3 2 |
| OBIE SNIDER | 198.9 | 21247 | 766 | 3.6 | 705 | 3.3 |
| MICHAEL STOLTZFUS | 60.3 | 22965 | 816 | 3.6 | 701 | 3.1 |
| DAVID & STACI MORRAL | 63.3 | 21963 | 819 | 3.7 | 696 | 3.2 |
| | | BERKS | | | | |
| FANTASYLANDHOLSTEINS | 85.1 | 31034 | 1093 | 3.5 | 999 | 3.2 |
| MELVIN M OBERHOLTZER | 75.7 | 30212 | 934 | 3.1 | 948 | 3.1 |
| HIDDENVIEW HOLSTEINS | 64.4 | 29257 | 1020 | 3.5 | 932 | 3.2 |
| ROLLING ACRES FARM | 41.2 | 28383 | 981 | 3.5 | 913 | 3.2 |
| RING-KUL FARM | 49.0 | 27534 | 992 | 3.6 | 882 | 3.2 |
| MERVIN Z MARTIN | 61.7 | 26936 | 948 | 3.5 | 861 | 3.2 |
| CARL Z GOOD | 61.8 | 27891 | 966 | 3.5 | 858 | 3.1 |
| DAVIEW FARM | 60.0 | 26322 | 955 | 3.6 | 850 | 3.2 |
| BETHANY DAIRY FARM | 48.0 | 26519 | 895 | 3.4 | 848 | 3.2 |
| JUNGE FARMS INC %RAY | 90.4 | 25697 | 997 | 3.9 | 827 | 3.2 |
| D J S P SCHULER | 118.6 | 26490 | 972 | 3.7 | 823 | 3.1 |
| KIRBYVILLE HOLSTEINS | 67.3 | 25345 | 912 | 3.6 | 823 | 3.2 |
| DON & AMY RICE | 90.6 | 25025 | 944 | 3.8 | 822 | 3.3 |
| EARL R HAFER & SONS | 214.4 | 25480 | 857 | 3.4 | 813 | 3.2 |
| JMJ SPRINGPOND FARM | 66.8 | 25235 | 903 | 3.6 | 806 | 3.2 |
| | | BLAIR | | | | |
| FREDERICK FARMS | 103.7 | 27090 | 997 | 3.7 | 891 | 3.3 |
| RODRICK&TRUDY HINISH | 222.0 | 27917 | 1071 | 3.8 | 852 | 3.1 |
| THOMAS W KELLY | 77.7 | 27266 | 966 | 3.5 | 847 | 3.1 |
| ALVIN H NOLT | 50.8 | 26589 | 853 | 3.2 | 821 | 3.1 |
| BRADLEY+JAMES BAKER | 124.4 | 24116 | 913 | 3.8 | 812 | 3.4 |
| BARNES BROTHERS | 148.1 | 26086 | 922 | 3.5 | 812 | 3 1 |
| MARCOVE FARM | 80.4 | 25548 | 842 | 3.3 | 809 | 3.2 |
| PA FAIR VALLEY FARM | 268.9 | 25113 | 907 | 3.6 | 791 | 3.1 |
| DAVID NANCY BISHOP | 41.8 | 24592 | 894 | 3.6 | 784 | 3.2 |
| SMITH HOLLOW FARMS | 171.3 | 24398 | 883 | 3.6 | 777 | 3.2 |
| DENNIS+DOUG SMITH | 132.5 | 24543 | 866 | 3.5 | 765 | 3 1 |
| LAR ANN FARM | 274.5 | 23763 | 878 | 3.7 | 763 | 3 2 |
| REUBEN B NEWSWANGER | 65.3 | 25101 | 911 | 3.6 | 762 | 3.0 |
| BURKET FALLS FARM # | 105 3 | 23138 | 895 | 3.9 | 756 | 3.3 |
| ERNEST & ANNA BERT | 146.4 | 23799 | 863 | 3.6 | 746 | 3.1 |
| | | BRADFORD | | | | |
| SCOT LYN DAIRY | 45.8 | 31790 | 1264 | 4.0 | 996 | 3.1 |
| BEN & DEAN JACKSON | 83 1 | 29066 | 1170 | 4.0 | 925 | 3.2 |
| ROB&DONNA VANBLARCOM | 81.6 | 28171 | 966 | 3.4 | 898 | 3.2 |
| CLAIR & PAT THRUSH | 55.2 | 25134 | 872 | 3.5 | 818 | 3.3 |
| PINETOP TA&K BARRETT | 65 4 | 24963 | 857 | 3.4 | 804 | 3.2 |
| CLARK BROTHERS | 143.5 | 25871 | 916 | 3.5 | 797 | 3.1 |
| ALBAVALE FARM | 67.8 | 24682 | 929 | 3.8 | 788 | 3.2 |
| ROBERT TAYLOR | 78.5 | 24344 | 1158 | 4.8 | 788 | 3.2 |
| STAN & HENRY SAXTON | 89.1 | 23952 | 902 | 3.8 | 765 | 3.2 |
| LOREN H ROY | 48.3 | 23283 | 823 | 3 5 | 752 | 3.2 |
| LYLE&LAUREEN WRIGHT | 56.9 | 23388 | 849 | 3.6 | 749 | 3.2 |
| RUSSELL MAPLE FARMS | 59.0 | 23777 | 843 | 3.5 | 744 | 3.1 |
| BRAUND VALLEY FARMS | 108.3 | 23357 | 936 | 4.0 | 740 | 3.2 |
| SAMUEL J TAMMY TERRY | 52 6 | 23352 | 810 | 3.5 | 740 | 3.2 |
| MILFORD KINSMAN&SON | 77 4 | 23120 | 887 | 3 8 | 740 | 3 2 |
| | | BUCKS | | | | |
| DELAWARE VAL COLLEGE | 43.4 | 26630 | 976 | 3 7 | 877 | 3 3 |
| MOYERS VILLAGE FARM | 86 1 | 27808 | 956 | 3 4 | 860 | 3 1 |
| DAVID&SHARON BISHOP | 116 9 | 25870 | 927 | 3 6 | 810 | 3 1 |
| JAMES PAVLICA | 57 6 | 25843 | 886 | 3.4 | 786 | 3.0 |
| CROOKED ACRES DAIRY | 67.1 | 23345 | 829 | 3 6 | 764 | 3 3 |
| RICHARD O SMITH | 38.5 | 23374 | 884 | 3 8 | 743 | 3 2 |
| DEB & RAY DETWEILER | 54.8 | 23136 | 854 | 3 7 | 732 | 3.2 |
| DONALD&BRUCE CROUSE | 75 1 | 23049 | 824 | 3 6 | 723 | 3 1 |
| GLENDALE VALLEY | 75 1 | 22787 | 749 | 3 3 | 722 | 3 2 |
| JOSEPH FLECK | 57.0 | 23083 | 765 | 3 3 | 722 | 3 1 |
| DELAWARE VAL COLLEGE | 10.5 | 17877 | 900 | 5 0 | 702 | 3 9 |
| DEEP RUN CREEK FARM | 98 8 | 21798 | 775 | 3.6 | 694 | 3 2 |
| BREEZYVALE FARMS | 76 8 | 22005 | 724 | 3 3 | 683 | 3 1 |
| | | BUTLER | | | | |
| DALE + PAULA WACK | 38.9 | 27991 | 976 | 3 5 | 947 | 3 4 |
| GOLD BUCKLE HOLSTEIN | 39 6 | 28164 | 961 | 3 4 | 879 | 3.1 |
| RICK + LINDA STUCHAL | 69.2 | 23883 | 906 | 3 8 | 778 | 3 3 |
| JOE LANGE | 48 8 | 22899 | 773 | 3 4 | 740 | 3 2 |
| SMITH BROS | 37 3 | 23872 | 745 | 3 1 | 737 | 3 1 |
| MARBURGER FARM DAIRY | 167 9 | 23182 | 850 | 3 7 | 735 | 3 2 |
| WADE&BRADLEY COOPER | 35.5 | 22325 | 852 | 3 8 | 733 | 3 3 |
| EDWARD THIELE | 37 9 | 23353 | 810 | 3.5 | 729 | 3 1 |
| NORMAN H GRAHAM | 42 3 | 24027 | 822 | 3 4 | 729 | 3 0 |
| ALBERT HOGG & SONS | 51.4 | 22123 | 853 | 3 9 | 719 | 3 3 |
| GREEN TOP ACRES | 46.9 | 23213 | 803 | 3 5 | 705 | 3 0 |
| FRED HEINZ FARM | 57.9 | 21148 | 766 | 3.6 | 692 | 3.3 |
| MIKE&ANETTE SCHIEVER | 110 8 | 21862 | 801 | 3.7 | 691 | 3 2 |
| AGGRAVATION ACRES | 32.0 | 20517 | 784 | 3 8 | 685 | 3 3 |
| JOHN H RENO | 34 8 | 21609 | 834 | 3 9 | 683 | 3 2 |
| | | CAMBRIA | | | | |
| JAMES HARTEIS | 84 8 | 25527 | 890 | 3 5 | 841 | 3 3 |
| STRITTMATTER DAIRY | 195.8 | 25746 | 906 | 3 5 | 777 | 3 0 |
| BRENT LOWMASTER | 132 0 | 24197 | 877 | 3 6 | 771 | 3 2 |
| VALEWOOD DAIRY | 200 6 | 24423 | 919 | 3 8 | 743 | 3 0 |
| DAVID MYERS | 142 7 | 22810 | 910 | 4.0 | 734 | 3.2 |
| RALPH J LIEB | 80 9 | 23221 | 843 | 3 6 | 722 | 3 1 |
| MARTIN SHERRY | 95 7 | 22198 | 789 | 3 6 | 704 | 3 2 |
| DENNIS SELTZER | 38.0 | 21887 | 738 | 3 4 | 687 | 3 1 |
| RONALD HOGUE | 68.0 | 20704 | 768 | 3.7 | 680 | 3.3 |
| | | CENTRE | | | | |
| VALLEYS-END FARM | 73.2 | 31426 | 1217 | 3.9 | 1004 | 3.2 |
| JACOBIII+SALLY TANIS | 94.9 | 30720 | 1179 | 3.8 | 968 | 3 2 |
| JAY HOUSER | 73.4 | 27922 | 1067 | 3.8 | 882 | 3 2 |
| VALLEY WIDE FARM | 85.5 | 28012 | 1051 | 3.8 | 875 | 3.1 |
| DAN+PENNY ULMER | 93.5 | 25166 | 908 | 3 6 | 819 | 3 3 |
| RICK HOMAN | 66 2 | 26424 | 976 | 3 7 | 810 | 3.1 |
| TRINCA FARM | 66.3 | 25826 | 882 | 3.4 | 803 | 3.1 |
| FRANLO-ALKEN FARMS | 31.7 | 25859 | 969 | 3 7 | 792 | 3.1 |
| STRINGERS SAND RIDGE | 98.0 | 23989 | 922 | 3 8 | 753 | 3.1 |
| KAU-MAR FARM | 73.6 | 23324 | 839 | 3.6 | 750 | 3 2 |
| ORE BANK ACRES | 96.6 | 23429 | 879 | 3.8 | 750 | 3 2 |
| TOM AND LORI HARTLE | 86.7 | 23943 | 902 | 3 8 | 745 | 3.1 |
| RALPH WOOMER | 47.6 | 23816 | 897 | 3.8 | 741 | 3.1 |
| CARL R GATES | 46.1 | 22798 | 913 | 4.0 | 736 | 3.2 |
| DAVID HOUSER | 49.9 | 23296 | 851 | 3.7 | 733 | 3.1 |
| | | CHESTER | | | | |
| MELWOOD FARM | 35.9 | 29065 | 1055 | 3.6 | 917 | 3.2 |
| CRYSTAL-RAY FARM | 59.8 | 27775 | 933 | 3.4 | 906 | 3 3 |
| BRECK-A-DE FARM | 79.5 | 26132 | 903 | 3.5 | 837 | 3.2 |
| CENTURY OAK FARM | 86.4 | 25406 | 864 | 3.4 | 830 | 3 3 |
| MARILYN+DUANEHERSHEY | 84.3 | 26950 | 888 | 3.3 | 824 | 3.1 |
| DAVID K STOLTZFUS | 44.3 | 25416 | 768 | 3.0 | 814 | 3 2 |
| RIDGE STAR FARM | 112.4 | 25857 | 845 | 3.3 | 813 | 3.1 |
| NOLAN KING | 90.5 | 25086 | 887 | 3.5 | 808 | 3.2 |
| KEN+MARILYN UMBLE | 90.0 | 25281 | 910 | 3.6 | 803 | 3.2 |
| TIM+PHYLLIS BARLOW | 92.1 | 25449 | 860 | 3.4 | 798 | 3 1 |
| MARK&MELODY STOLTZFS | 74 8 | 24724 | 890 | 3.6 | 793 | 3 2 |
| DALE HOSTETTER | 49.1 | 24431 | 894 | 3 7 | 789 | 3.2 |
| GIDEON STOLTZFUS JR | 46.5 | 24595 | 804 | 3 3 | 786 | 3 2 |
| NEAL & LOU KING | 136 2 | 23958 | 870 | 3 6 | 767 | 3 2 |
| ROY/RUTH ANN BENDER | 34.3 | 23834 | 835 | 3.5 | 747 | 3 1 |
| | | CLARION | | | | |
| SOLID GOLD HOLSTEINS | 75 3 | 25521 | 918 | 3 6 | 821 | 3 2 |
| KEITH E DECKER | 65 7 | 23444 | 908 | 3 9 | 764 | 3 3 |
| FROSTBURG FARMS | 73.6 | 23519 | 878 | 3.7 | 763 | 3 2 |
| LLO-TIM ACRES | 46.1 | 22306 | 852 | 3 8 | 715 | 3 2 |
| SANDY RIDGE FARMS | 70.1 | 21662 | 735 | 3.4 | 692 | 3 2 |
| | | CLEARFIELD | | | | |
| CARL G BRINK + SONS | 87 2 | 24347 | 867 | 3 6 | 796 | 3 3 |
| DETRICKS FARM | 50.1 | 23424 | 856 | 3 7 | 740 | 3 2 |
| ORNER FARMS INC | 82.7 | 22644 | 835 | 3 7 | 719 | 3 2 |
| SANKEYCREST FARMS | 44 2 | 21578 | 777 | 3 6 | 691 | 3 2 |
| | | CLINTON | | | | |
| PAUL L COURTER | 77.6 | 24386 | 886 | 3.6 | 772 | 3.2 |
| SCHRACK FARMS | 476.4 | 24524 | 890 | 3 6 | 771 | 3 1 |
| DEAN&BRENDA DAUBERT | 72.0 | 22164 | 882 | 4 0 | 770 | 3.5 |
| KEITH AND BEN CARSON | 70.4 | 23927 | 878 | 3 7 | 735 | 3.1 |

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# Top Pennsylvania DHIA Herds By County For November

(Continued from Page B19)

| | | | | | | |
|---|---|---|---|---|---|---|
| | | COLUMBIA | | | | |
| LYONS DEN DAIRY | 142 3 | 27861 | 993 | 3 6 | 907 | 3.3 |
| SCOTT KRIEBEL | 77 5 | 27631 | 981 | 3 6 | 878 | 3 2 |
| HUNTERCREST FARM | 74 5 | 24389 | 895 | 3.7 | 803 | 3 3 |
| JAN JURBALA | 58 8 | 24728 | 901 | 3 6 | 800 | 3 2 |
| VALLEY STREAM FARM | 84 3 | 21200 | 758 | 3 6 | 681 | 3 2 |
| | | CRAWFORD | | | | |
| RENEE KEHN | 31 1 | 26189 | 913 | 3 5 | 845 | 3 2 |
| A & B DAIRY FARM | 82 0 | 27011 | 962 | 3 6 | 827 | 3 1 |
| R DEETER FARM | 62 3 | 24348 | 895 | 3 7 | 735 | 3 0 |
| | | CUMBERLAND | | | | |
| PAUL M SNYDER | 46 3 | 26208 | 906 | 3 5 | 814 | 3 1 |
| JEMI HOLSTEINS | 11 7 | 25254 | 1013 | 4 0 | 812 | 3 2 |
| BRYMESSER FARMS | 218 3 | 24894 | 831 | 3 3 | 787 | 3 2 |
| J PAUL STROCK | 90.4 | 24181 | 892 | 3 7 | 780 | 3 2 |
| NEALAND FARMS | 204 2 | 24181 | 874 | 3 6 | 767 | 3 2 |
| HARRY E THOMPSON | 45 1 | 23085 | 867 | 3 8 | 767 | 3 3 |
| HIDDEN VALLEY FARM | 43 8 | 23856 | 814 | 3 4 | 759 | 3 2 |
| ROY E SNOKE | 42 0 | 23065 | 812 | 3 5 | 740 | 3 2 |
| STOVER FARMS | 188 0 | 22040 | 760 | 3 4 | 697 | 3.2 |
| L DORELL&BEV AGAR | 33 9 | 21955 | 794 | 3 6 | 687 | 3 1 |
| JEMI JERSEYS | 47 5 | 17374 | 855 | 4.9 | 677 | 3 9 |
| | | DAUPHIN | | | | |
| CRISSINGER DAIRY FRM | 84.2 | 26372 | 901 | 3 4 | 873 | 3 3 |
| PLEASANT HILL FARMS | 83 9 | 25899 | 862 | 3 3 | 839 | 3.2 |
| CATALPA FARMS | 159.5 | 24772 | 831 | 3 4 | 795 | 3.2 |
| STANLEY R LONG | 143.0 | 24061 | 807 | 3.4 | 764 | 3 2 |
| BOB KESSLER | 49.8 | 23632 | 816 | 3.5 | 729 | 3.1 |
| STONEY LAWN FARMS | 124 0 | 22085 | 742 | 3.4 | 715 | 3 2 |
| DELMAR+ SUSAN WEAVER | 70.1 | 22934 | 837 | 3.7 | 713 | 3.1 |
| ALWINE FARMS | 98.4 | 21671 | 788 | 3 6 | 693 | 3.2 |
| LEHMANSTEAD FARMS | 86.9 | 21360 | 751 | 3 5 | 689 | 3.2 |
| DALE F FAUST | 62.4 | 20616 | 733 | 3 6 | 677 | 3.3 |
| | | ELK | | | | |
| PAUL SWANSON | 51.4 | 21916 | 799 | 3.6 | 697 | 3.2 |
| | | ERIE | | | | |
| WOODS DAIRY | 123 5 | 26635 | 891 | 3 3 | 799 | 3.0 |
| PAUL AND MATT SENITA | 53 1 | 24094 | 882 | 3.7 | 782 | 3.2 |
| WILLIAM+ BRYAN LOPER | 59 2 | 24871 | 885 | 3.6 | 768 | 3.1 |
| RALPH GILKINSON | 34 8 | 23471 | 849 | 3 6 | 746 | 3.2 |
| WALTER BEM | 243 2 | 22294 | 878 | 3.9 | 744 | 3.3 |
| WARD FARMS | 245 3 | 22543 | 782 | 3 5 | 703 | 3 1 |
| GEORGE C HEINTZ | 18 5 | 21160 | 761 | 3 6 | 697 | 3 3 |
| MARK VOGEL | 64 9 | 21302 | 816 | 3 8 | 691 | 3 2 |
| GREENE SUMMIT FARM | 58 3 | 20804 | 815 | 3 9 | 685 | 3 3 |
| | | FAYETTE | | | | |
| ORR FARMS | 117 1 | 26565 | 976 | 3 7 | 851 | 3.2 |
| R BROWN STONEE-RIDGE | 87.3 | 25118 | 903 | 3 6 | 782 | 3.1 |
| DIAMOND FARMS | 152 7 | 23414 | 862 | 3 7 | 742 | 3 2 |
| ALLEN HILL DAIRY | 93.2 | 22393 | 859 | 3 8 | 738 | 3 3 |
| ROBERT JACKSON | 121 6 | 22965 | 821 | 3.6 | 725 | 3.2 |
| JACKSON FARMS | 161.7 | 21823 | 750 | 3 4 | 684 | 3.1 |
| HEFRING FARMS | 77.5 | 21057 | 864 | 4 1 | 681 | 3.2 |
| | | FRANKLIN | | | | |
| RV + SV HOLLENSHEAD | 139 2 | 30511 | 1183 | 3 9 | 974 | 3.2 |
| NOLAN DRUIST | 54.7 | 26303 | 957 | 3 6 | 852 | 3.2 |
| STEPHEN J MELLOTT # | 93.1 | 25846 | 928 | 3 6 | 810 | 3.1 |
| DALE WADEL | 137.9 | 23913 | 857 | 3.6 | 791 | 3.3 |
| MARK & ALAN MEYERS | 95.3 | 24087 | 829 | 3 4 | 789 | 3.3 |
| MARCUS&CHESTERMARTIN | 114.4 | 24584 | 916 | 3 7 | 779 | 3.2 |
| MIKE WINGERT | 66.7 | 24074 | 773 | 3.2 | 775 | 3.2 |
| H+S BRECHBILL FARMS | 244.0 | 24017 | 831 | 3 5 | 772 | 3.2 |
| BEIDEL BROTHERS | 134.8 | 24586 | 904 | 3.7 | 765 | 3.1 |
| ROBERT E HARWOOD | 159.4 | 23661 | 888 | 3 8 | 762 | 3.2 |
| BEN AKERS # | 160.7 | 23356 | 929 | 4 0 | 741 | 3.2 |
| KEENERS DAIRY | 136.6 | 22645 | 914 | 4.0 | 735 | 3.2 |
| PAU/GLO DAIRY | 113 6 | 23729 | 837 | 3 5 | 733 | 3.1 |
| ROGER A NEGLEY | 68.4 | 23428 | 856 | 3.7 | 726 | 3.1 |
| STONE HART FARM | 111 1 | 22779 | 822 | 3.6 | 725 | 3 2 |
| | | FULTON | | | | |
| PIGEON COVE FARM | 151.9 | 23139 | 867 | 3.7 | 727 | 3.1 |
| FISCHERSIDLINGHILLFM | 77.7 | 21422 | 769 | 3.6 | 715 | 3.3 |
| KIN DU FARM | 144.4 | 22203 | 885 | 4.0 | 714 | 3.2 |
| DU VALLEY FARMS | 65 4 | 21723 | 843 | 3.9 | 710 | 3.3 |
| J DALE FISCHER | 108.5 | 21308 | 807 | 3.8 | 680 | 3.2 |
| SWOPEDALE FARM | 49.5 | 21318 | 675 | 3.2 | 680 | 3.2 |
| | | HUNTINGDON | | | | |
| LOCUST LANE FARM # | 166.3 | 26572 | 1039 | 3.9 | 852 | 3.2 |
| HARRY +ROBIN BARNETT | 69.2 | 25929 | 890 | 3.4 | 832 | 3.2 |
| ED & SHARON PARSONS | 63.4 | 23262 | 804 | 3.5 | 766 | 3.3 |
| GEARY E SHADE & SONS | 94 6 | 23342 | 860 | 3.7 | 760 | 3.3 |
| CARL & CAROL BARNETT | 95.7 | 23325 | 859 | 3.7 | 750 | 3.2 |
| BEHRER FARMS | 245.3 | 23027 | 881 | 3.8 | 744 | 3.2 |
| GIBBONEY FARMS | 62.6 | 23203 | 854 | 3.7 | 739 | 3.2 |
| ED + NANCY QUIGLEY | 378.6 | 23393 | 877 | 3.7 | 731 | 3.1 |
| GENE MUSSER | 68.6 | 22216 | 851 | 3.8 | 729 | 3.3 |
| DEAN E VARNER | 75.3 | 22702 | 832 | 3.7 | 723 | 3.2 |
| TIMOTHY R PEACHEY | 94.0 | 22189 | 830 | 3.7 | 722 | 3.3 |
| MARK & ERMA BYLER | 58.4 | 22012 | 828 | 3.8 | 710 | 3.2 |
| SANGREY FARMS # | 100 8 | 22149 | 829 | 3 7 | 693 | 3.1 |
| GERALD & BERN MCMATH | 76 1 | 21176 | 814 | 3.8 | 688 | 3.2 |
| MIKE&MICHELEHAWBAKER | 89.8 | 20278 | 803 | 4.0 | 686 | 3.4 |
| | | INDIANIA | | | | |
| PLEASANT VIEW FARM | 147.7 | 24857 | 1160 | 4.7 | 776 | 3 1 |
| DALE & RODNEY BLOOM | 175 8 | 24516 | 1236 | 5 0 | 761 | 3.1 |
| BLOSSOM HOLLOW FARM | 35 7 | 23206 | 1101 | 4 7 | 727 | 3.1 |
| JEWART DAIRY | 113 7 | 22032 | 825 | 3.7 | 706 | 3.2 |
| NEAL DAIRY FARM | 96.0 | 21391 | 795 | 3.7 | 703 | 3.3 |
| LARRY H MARSHALL | 24 5 | 22396 | 1053 | 4.7 | 694 | 3.1 |
| JIM & BILL COMPTON | 56 6 | 21411 | 823 | 3 8 | 688 | 3 2 |
| JERRY NESBIT | 116 1 | 20795 | 762 | 3.7 | 682 | 3 3 |
| | | JEFFERSON | | | | |
| LONDONDALE FARM | 56 1 | 26520 | 993 | 3 7 | 875 | 3 3 |
| HIGHLAND H FARMS | 40 9 | 23706 | 1024 | 4 3 | 789 | 3.3 |
| WAY-WIN VALLEY FARM | 47 7 | 22853 | 836 | 3 7 | 733 | 3 2 |
| DONALD DIXON | 55 3 | 21880 | 790 | 3 6 | 709 | 3.2 |
| DAN KELLER | 15 7 | 21740 | 825 | 3.8 | 695 | 3 2 |
| PINE VALLEY FARM | 52 7 | 20981 | 755 | 3.6 | 686 | 3.3 |
| SKYLINE DAIRY | 178.1 | 20657 | 782 | 3.8 | 680 | 3 3 |
| MITCHELLS DAIRY FARM | 81.0 | 21746 | 809 | 3 7 | 679 | 3.1 |
| | | JUNIATA | | | | |
| GLEN + TRACEY HENRY | 46.1 | 28037 | 981 | 3.5 | 891 | 3.2 |
| MYRON+MARY GEHMAN | 110.8 | 26412 | 970 | 3.7 | 829 | 3.1 |
| DARYL&DEL BRUBAKER | 85.5 | 24824 | 924 | 3.7 | 823 | 3.3 |
| MELVIN M MARTIN | 98.3 | 23410 | 823 | 3.5 | 754 | 3.2 |
| MARCUS J ZOOK | 71.1 | 23506 | 874 | 3.7 | 751 | 3.2 |
| BARRY E+BARB A LUCAS | 81.0 | 23611 | 776 | 3.3 | 748 | 3.2 |
| SAM S YODER | 57.2 | 23022 | 818 | 3.6 | 746 | 3.2 |
| RAYMOND E KAUFFMAN | 64.0 | 21967 | 779 | 3.5 | 707 | 3.2 |
| RUSSELL ADAMIRE JR | 58.9 | 21380 | 828 | 3.9 | 702 | 3.3 |
| DONALD EVERITT SON | 87.7 | 21517 | 797 | 3.7 | 700 | 3.3 |
| B. C. + E. BRUBAKER | 64.5 | 21531 | 690 | 3.2 | 687 | 3.2 |
| RONALD MUMMAH | 59.9 | 20696 | 767 | 3.7 | 682 | 3.3 |
| | | LACKAWANNA | | | | |
| REBECCA DARLING | 39.3 | 22892 | 869 | 3 8 | 771 | 3.4 |
| PAUL+MARK DARLING | 53 9 | 22377 | 846 | 3.8 | 734 | 3.3 |
| ANDREW & GEO YEDINAK | 56.9 | 21885 | 844 | 3 9 | 685 | 3.1 |
| JOHN FRON | 48 9 | 21117 | 748 | 3.5 | 676 | 3.2 |
| | | LANCASTER | | | | |
| MAR-VIL ACRES FARM # | 46 2 | 27414 | 929 | 3 4 | 864 | 3 2 |
| STAR ROCK FARMS | 367 6 | 26275 | 874 | 3 3 | 820 | 3 1 |
| TROUT SPRING FARM | 52 4 | 24703 | 953 | 3 9 | 799 | 3.2 |
| LESTER NEWSWANGER | 37 4 | 24960 | 935 | 3.7 | 792 | 3 2 |
| LOG HOUSE FARM | 78 4 | 24424 | 869 | 3 6 | 791 | 3.2 |
| EDWIN S BURKHOLDER | 41 6 | 24241 | 755 | 3 1 | 791 | 3.3 |
| NORMAN L HERSHEY | 80.7 | 23529 | 860 | 3 7 | 773 | 3.3 |
| JACOB A PETERSHEIM # | 39 7 | 24113 | 863 | 3 6 | 769 | 3.2 |
| NELSON R HABECKER | 87 4 | 23962 | 830 | 3.5 | 763 | 3.2 |
| PAUL H ROHRER & SONS | 189 5 | 23421 | 878 | 3.8 | 722 | 3 1 |
| MEGA-STAR HOLSTEINS | 63 1 | 21461 | 751 | 3 5 | 689 | 3 2 |
| DAVID E KING | 34 6 | 21477 | 828 | 3.9 | 684 | 3.2 |
| | | LAWRENCE | | | | |
| BRUCE MCCONNELL | 39.4 | 23013 | 870 | 3 8 | 773 | 3 4 |
| PAUL LAWRENCE | 57 7 | 24396 | 867 | 3.6 | 761 | 3.1 |
| WILSONS DAIRY FARM | 51 8 | 21939 | 774 | 3.5 | 698 | 3.2 |
| B TIMOTHY STURGEON | 87.2 | 20751 | 768 | 3.7 | 680 | 3.3 |
| | | LEBANON | | | | |
| KARL & DANIEL BRANDT | 101.9 | 31475 | 1193 | 3.8 | 1009 | 3.2 |
| SCOTT AND KAREN NOLT | 93.5 | 32484 | 1033 | 3.2 | 1008 | 3.1 |
| JIMANDOT HOLSTEINS | 65.5 | 28899 | 945 | 3.3 | 913 | 3.2 |
| DAVID+CHRIS WILLIAMS | 60.1 | 28541 | 920 | 3.2 | 902 | 3 2 |
| LITTLE HILL FARM | 61.2 | 28482 | 985 | 3.5 | 888 | 3.1 |
| GARY LENTZ | 82 6 | 27695 | 946 | 3.4 | 876 | 3.2 |
| RUFUS H MARTIN | 76.2 | 27083 | 915 | 3.4 | 859 | 3.2 |
| CURVIN+DAWN GOOD | 81.2 | 26224 | 910 | 3 5 | 841 | 3.2 |
| JOHN + SHARON KLINE | 73.0 | 26008 | 910 | 3.5 | 827 | 3.2 |
| MOSES O MARTIN | 89.6 | 26212 | 861 | 3 3 | 827 | 3.2 |
| TWIN-MAPLE FARM | 74 0 | 26967 | 863 | 3.2 | 827 | 3.1 |
| EZRA H MARTIN | 62.0 | 25560 | 912 | 3 6 | 826 | 3.2 |
| LITTLE-HILL FARM | 13.8 | 24013 | 975 | 4.1 | 826 | 3.4 |
| MILE EE FARM | 81.9 | 27267 | 867 | 3.2 | 824 | 3.0 |
| | | LUZERNE | | | | |
| PAUL STOSS JR | 65.6 | 24368 | 862 | 3.5 | 769 | 3.2 |
| HILLSIDE FARMS INC | 72 2 | 21999 | 741 | 3.4 | 740 | 3.4 |
| FLOYD&GARY RINEHIMER | 62.2 | 23119 | 831 | 3.6 | 718 | 3.1 |
| EDSEL+SCOT RINEHIMER | 67.4 | 22041 | 814 | 3.7 | 698 | 3.2 |
| | | LYCOMING | | | | |
| QUEN-VIEW FARMS | 47.3 | 24272 | 821 | 3.4 | 756 | 3.1 |
| STEVEN C& SUSAN NEFF | 86.7 | 22459 | 819 | 3.6 | 745 | 3.3 |
| RON + LORI HEMBURY | 69.4 | 22395 | 865 | 3.9 | 737 | 3.3 |
| MARVIN L WALTZ | 87.4 | 22787 | 817 | 3.6 | 727 | 3.2 |
| LOST BROOK FARM | 175.8 | 22087 | 837 | 3.8 | 719 | 3.3 |
| FOGLEMAN FARM | 73.7 | 21565 | 809 | 3.8 | 696 | 3.2 |
| MICHAEL & LARRY FRY | 102.1 | 22189 | 796 | 3.6 | 685 | 3.1 |
| BOSCH FARMS | 58.6 | 21943 | 761 | 3.5 | 683 | 3.1 |
| CHARS+JOHN CARPENTER | 52.7 | 22438 | 781 | 3.5 | 682 | 3.0 |

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# Pennsylvania DHIA Herds By County For November

(Continued from Page B20)

| | | | | | | |
|---|---|---|---|---|---|---|
| | | MERCER | | | | |
| EDWIN C OLSON | 31.7 | 27238 | 914 | 3.4 | 844 | 3.1 |
| TOM & HAZEL GANDER | 91.7 | 26036 | 956 | 3.7 | 841 | 3.2 |
| ROBERT ERIC OLSON | 39.7 | 26575 | 891 | 3.4 | 841 | 3.2 |
| PAULA DELL HOLSTEINS | 38.1 | 24778 | 822 | 3.3 | 793 | 3.2 |
| CANON DAIRY | 86.4 | 24199 | 912 | 3.8 | 788 | 3.3 |
| DALE L KEPNER | 41.8 | 23788 | 861 | 3.6 | 766 | 3.2 |
| DEWAYNE& WM COULTER | 96.7 | 22675 | 891 | 3.9 | 732 | 3.2 |
| CHARLES+DORIS GANDER | 46.2 | 22546 | 806 | 3.6 | 726 | 3.2 |
| DAVE&APRIL POLONSKY | 37.7 | 22049 | 804 | 3.6 | 710 | 3.2 |
| DOUGLAS K ROBINSON | 39.5 | 22657 | 859 | 3.8 | 709 | 3.1 |
| DANE YEAGER | 27.8 | 21152 | 749 | 3.5 | 705 | 3.3 |
| ALOYSIUS G GANDER | 58.6 | 23826 | 820 | 3.4 | 703 | 3.0 |
| AMAZING GRACE DAIRY | 61.2 | 21033 | 777 | 3.7 | 689 | 3.3 |
| MRS CHARLES ROBINSON | 35.9 | 21210 | 844 | 4.0 | 678 | 3.2 |
| RALPH+GARY OAKES | 37.2 | 21038 | 742 | 3.5 | 676 | 3.2 |
| | | MIFFLIN | | | | |
| MELVIN&JUDY PEACHEY | 58.5 | 29643 | 1112 | 3.8 | 925 | 3.1 |
| SR BYLER/FROG HOLLOW | 58.4 | 25567 | 898 | 3 5 | 839 | 3.3 |
| DAVID T HOSTETLER | 62.9 | 26528 | 927 | 3.5 | 839 | 3.2 |
| FORGY DAIRY,'G.FORGY# | 123.2 | 26511 | 1045 | 3.9 | 830 | 3.1 |
| NOAH B SHARP JR | 42.8 | 25639 | 860 | 3.4 | 827 | 3.2 |
| ERVIN T HOSTETLER | 86.8 | 27539 | 883 | 3.2 | 825 | 3.0 |
| LOWELL J PEACHEY | 60.0 | 26782 | 923 | 3.4 | 820 | 3.1 |
| LA FAY FARM | 44.0 | 25476 | 912 | 3.6 | 819 | 3.2 |
| JOHN K KAUFFMAN | 94.8 | 25576 | 888 | 3.5 | 797 | 3.1 |
| PEACH-VALE FARM | 86.1 | 23810 | 933 | 3.9 | 784 | 3.3 |
| VER-NAN HOLSTEINS | 57.5 | 25751 | 943 | 3.7 | 782 | 3.0 |
| JOHN & SALOMA BYLER | 57.8 | 23873 | 860 | 3.6 | 770 | 3.2 |
| LEE AND JOANNE YODER | 78.8 | 24954 | 884 | 3.5 | 769 | 3.1 |
| DAVID C YODER | 64.9 | 23676 | 798 | 3.4 | 767 | 3.2 |
| DALE I KING | 62.4 | 23764 | 937 | 3.9 | 767 | 3.2 |
| | | MONTGOMERY | | | | |
| RICHARD A BECHTEL | 71.6 | 22209 | 816 | 3.7 | 715 | 3.2 |
| PATTY-RUN DAIRY FARM | 64.8 | 22765 | 835 | 3.7 | 714 | 3.1 |
| DARYL EVANS | 38.2 | 21877 | 767 | 3.5 | 714 | 3.3 |
| WAYNE HALLOWELL | 63.8 | 21123 | 755 | 3 6 | 696 | 3.3 |
| RUSSELL GUNTZ | 53.3 | 21396 | 799 | 3.7 | 687 | 3.2 |
| | | MONTOUR | | | | |
| RANDY+PAT KITCHEN | 76.1 | 20867 | 781 | 3.7 | 682 | 3.3 |
| | | NORTHHAMPTON | | | | |
| KEYSTONE FARM | 88.2 | 28923 | 1015 | 3 5 | 933 | 3.2 |
| KLEIN FARMS | 71 3 | 27445 | 920 | 3.4 | 921 | 3 4 |
| FRANK MILLER JR | 60.2 | 28348 | 917 | 3.2 | 897 | 3 2 |
| BREWER FARMS | 77.2 | 26130 | 893 | 3.4 | 864 | 3 3 |
| JUNIPERDALE FARM | 73.9 | 26319 | 1064 | 4 0 | 830 | 3.2 |
| EXCELSIOR FARM-FLECK | 91.7 | 25319 | 951 | 3.8 | 812 | 3.2 |
| VALKIES REG HOLSTEIN | 60.7 | 23574 | 792 | 3.4 | 781 | 3.3 |
| THALER FARMS | 161.9 | 23080 | 836 | 3.6 | 736 | 3 2 |
| JOHN BOCKO | 58 9 | 23270 | 850 | 3 7 | 729 | 3.1 |
| KARL MILLER | 67.1 | 23404 | 743 | 3.2 | 725 | 3 1 |
| OTTS OWN FARM | 66.1 | 21869 | 740 | 3.4 | 702 | 3 2 |
| RALPH HAHN | 41.7 | 20434 | 766 | 3 7 | 678 | 3.3 |
| | | NORTHUMBERLAND | | | | |
| ERNEST WOLFE | 78 2 | 28400 | 982 | 3.5 | 900 | 3.2 |
| NORTH RUSH HOLSTEINS | 24.5 | 27228 | 985 | 3 6 | 867 | 3.2 |
| R M D SHULTZ FARMS | 89.2 | 25772 | 921 | 3.6 | 799 | 3.1 |
| FRED & TOM STROUSE | 64.0 | 25051 | 940 | 3.8 | 789 | 3.2 |
| GARVIN SCHAFFER | 79.8 | 22010 | 753 | 3.4 | 711 | 3.2 |
| CLAYTON H SWARTZ | 31.9 | 22619 | 763 | 3.4 | 705 | 3.1 |
| J DANIEL FAUS | 123 0 | 22703 | 830 | 3.7 | 702 | 3.1 |
| COLLEEN EPLER-RUTHS | 93.9 | 20862 | 767 | 3.7 | 697 | 3.3 |
| GARY TRUCKENMILLER | 76.6 | 22051 | 859 | 3.9 | 693 | 3.1 |
| CHESTER SOLTYS III | 79.1 | 21842 | 752 | 3.4 | 686 | 3.1 |
| | | PERRY | | | | |
| CARL E MC MILLEN | 95.9 | 25110 | 876 | 3.5 | 801 | 3.2 |
| SPRING VALLEY FARM | 56.7 | 25356 | 905 | 3.6 | 790 | 3.1 |
| KENNETH R BENNER | 69.7 | 24803 | 874 | 3.5 | 788 | 3.2 |
| ED + WILMA MCMILLEN | 47.4 | 25172 | 826 | 3.3 | 787 | 3.1 |
| MELVIN S WEAVER | 100.9 | 24603 | 837 | 3.4 | 781 | 3.2 |
| DAVE+PAT MC LAUGHLIN | 36.6 | 24122 | 876 | 3.6 | 772 | 3.2 |
| LA-ROSE FARM | 58.3 | 23953 | 836 | 3.5 | 755 | 3.2 |
| DAVID H WELLER | 63.8 | 22633 | 804 | 3.6 | 740 | 3.3 |
| RICHARD &JOHN MAURER | 59.1 | 23166 | 791 | 3.4 | 738 | 3.2 |
| JESSE+BARB SINGLETON | 52.8 | 23569 | 829 | 3.5 | 725 | 3.1 |
| RAY E MC MILLEN | 97.5 | 23138 | 841 | 3.6 | 721 | 3.1 |
| NEVIN G RICE | 129.5 | 22405 | 801 | 3.6 | 717 | 3.2 |
| LESTER&BRIANFLEISHER | 54.4 | 21909 | 818 | 3.7 | 715 | 3.3 |
| BRATTON VIEW FARMS | 73.6 | 23118 | 839 | 3.6 | 710 | 3.1 |
| ROBERT + LINDA LOY | 84.5 | 22543 | 824 | 3.7 | 710 | 3.1 |
| | | POTTER | | | | |
| IVAJEN FARMS | 94.4 | 21575 | 823 | 3.8 | 730 | 3.4 |
| RON+CANDY COONEY | 62.9 | 21498 | 826 | 3.8 | 702 | 3.3 |
| | | SCHUYLKILL | | | | |
| CARL A FARMS INC | 86.3 | 28737 | 969 | 3.4 | 918 | 3.2 |
| JAMES D DUNN | 100.0 | 27031 | 986 | 3.6 | 900 | 3.3 |
| SUNTRAIL DAIRY FARM | 78.8 | 26974 | 918 | 3.4 | 879 | 3.3 |
| BRIAN RUCH | 53.7 | 26089 | 908 | 3.5 | 857 | 3.3 |
| MILLER & REX INC | 36 9 | 24441 | 874 | 3.6 | 781 | 3 2 |
| CLAIR GARMAN | 55.6 | 24292 | 865 | 3.6 | 764 | 3.1 |
| LARRY HEPLER | 59.6 | 23078 | 841 | 3.6 | 754 | 3 3 |
| RANDY MILLER | 34.6 | 22726 | 886 | 3.9 | 751 | 3.3 |
| JAMES HEPLER | 80.6 | 23204 | 823 | 3.5 | 751 | 3.2 |
| SNYDERLANDFARMS | 67.9 | 21266 | 765 | 3.6 | 714 | 3.4 |
| DALE HEISLER | 101.3 | 21849 | 776 | 3.6 | 710 | 3.2 |
| EL-BERT FARMS | 54.7 | 22485 | 698 | 3 1 | 704 | 3.1 |
| BRUCE LEATHERMAN | 75.3 | 22091 | 789 | 3 6 | 700 | 3.2 |
| BURDELL TROXELL | 35.1 | 21627 | 736 | 3.4 | 696 | 3.2 |
| MAR-K FARMS | 89.8 | 22346 | 817 | 3.7 | 689 | 3.1 |
| | | SNYDER | | | | |
| CHRISS+TRISH NIPPLE | 60.4 | 27569 | 1075 | 3.9 | 912 | 3.3 |
| JL & CL SHAFFER | 39.7 | 24319 | 898 | 3.7 | 807 | 3.3 |
| R.KEITH McCOOL | 54.6 | 25650 | 887 | 3.5 | 803 | 3.1 |
| ALBERT HEIMBACH+SONS | 188.8 | 24340 | 853 | 3 5 | 785 | 3.2 |
| SAUDERDALE FARM | 55 0 | 24521 | 878 | 3.6 | 777 | 3.2 |
| COOKSAN DAIRY | 84.6 | 23306 | 791 | 3.4 | 759 | 3 3 |
| ALAN R NAREHOOD | 32.8 | 22741 | 924 | 4 1 | 733 | 3.2 |
| IVAN K STOLTZFUS | 54.7 | 23999 | 844 | 3.5 | 720 | 3 0 |
| RICH+PATTY SHIREY JR | 59.5 | 22748 | 816 | 3.6 | 720 | 3.2 |
| TIM-LAURIEHACKENBERG | 48.5 | 22397 | 873 | 3.9 | 715 | 3.2 |
| D&N HORNBERGER | 38.1 | 21959 | 767 | 3.5 | 712 | 3 2 |
| J+G +K+J BLANK | 68.6 | 22872 | 818 | 3 6 | 697 | 3.0 |
| JOHN M KURTZ | 61.1 | 21640 | 792 | 3.7 | 695 | 3.2 |
| DARE E LAND | 55.2 | 21276 | 783 | 3.7 | 689 | 3.2 |
| H L NAREHOOD & SONS | 57.7 | 21899 | 848 | 3 9 | 689 | 3.1 |
| | | SOMERSET | | | | |
| MOUNTAIN VIEW FARMS | 316.0 | 28744 | 936 | 3.3 | 877 | 3.1 |
| NORTH VIEW FARM | 127.9 | 26003 | 945 | 3.6 | 861 | 3 3 |
| LEWIS W BERKLEY | 64.2 | 25093 | 996 | 4.0 | 817 | 3.3 |
| GEORGE C STAHL | 75 7 | 25059 | 983 | 3 9 | 805 | 3.2 |
| CARRDALE HOLSTEINS | 96.2 | 25025 | 935 | 3.7 | 790 | 3.2 |
| SEC WIN FARM | 84.1 | 23428 | 825 | 3.5 | 766 | 3 3 |
| JOYCE RINGLER | 54.3 | 23244 | 897 | 3.9 | 759 | 3.3 |
| CLARADALE FARMS | 73.2 | 23940 | 882 | 3.7 | 759 | 3.2 |
| WILLIAM E HUNSBERGER | 126 2 | 23314 | 803 | 3 4 | 755 | 3 2 |
| HARRY MOSHOLDER | 46.0 | 23379 | 800 | 3.4 | 751 | 3.2 |
| THOMAS FARMS | 75.1 | 22896 | 821 | 3 6 | 730 | 3.2 |
| DEAN E HILLEGASS | 114.3 | 22384 | 770 | 3.4 | 725 | 3.2 |
| HILLMONT | 121 8 | 22032 | 837 | 3 8 | 715 | 3.2 |
| LATUCH BROS | 132 6 | 21163 | 822 | 3.9 | 715 | 3.4 |
| J & M FARMS | 43.6 | 22458 | 771 | 3.4 | 714 | 3 2 |
| | | SULLIVAN | | | | |
| ROBERT INSINGER | 69.6 | 24112 | 1073 | 4 4 | 778 | 3 2 |
| CARR + STANTON | 74 9 | 21604 | 850 | 3.9 | 689 | 3 2 |
| | | SUSQUEHANNA | | | | |
| LLOYD & DENISE PEASE | 58.3 | 25994 | 957 | 3.7 | 853 | 3 3 |
| PEASE FARMS | 55.8 | 25609 | 915 | 3.6 | 828 | 3 2 |
| RANSOMED RANSOMDAIRY | 107.8 | 23781 | 871 | 3.7 | 804 | 3 4 |
| HUBAL FARMS | 60.9 | 24908 | 965 | 3 9 | 788 | 3.2 |
| JIM ROGERS | 64.6 | 24116 | 885 | 3.7 | 771 | 3 2 |
| JOHN CASTROGIOVANNI | 119.0 | 23698 | 820 | 3.5 | 768 | 3 2 |
| DARYL BUTTON | 33 7 | 23162 | 793 | 3.4 | 753 | 3.3 |
| HARVATINE FARMS | 88.0 | 23146 | 764 | 3.3 | 750 | 3 2 |
| R M SHIPSKY & SONS | 60.8 | 23010 | 804 | 3 5 | 746 | 3.2 |
| ALICE POTTER + SONS | 75.3 | 22129 | 888 | 4.0 | 733 | 3.3 |
| WAYNE VANDERMARK | 49.4 | 23104 | 990 | 4.3 | 717 | 3.1 |
| RE-VUE HOLSTEINS | 34.6 | 22012 | 782 | 3 6 | 710 | 3.2 |
| ROBERT REYAN | 79.4 | 22121 | 810 | 3.7 | 709 | 3 2 |
| FRANCIS HIBBARD&SONS | 85.7 | 22040 | 840 | 3.8 | 700 | 3.2 |
| COTTRELL BROTHERS | 66.1 | 21957 | 771 | 3.5 | 699 | 3 2 |
| | | TIOGA | | | | |
| BISHCROFT FARM | 129.5 | 24982 | 926 | 3.7 | 828 | 3.3 |
| WILLIAM CHAMBERLAIN | 72.2 | 24439 | 873 | 3.6 | 766 | 3.1 |
| CHATHAM-VALLEY HOL. | 89.8 | 23339 | 1022 | 4.4 | 749 | 3.2 |
| SCOTT & LISA BUSH | 75.6 | 22480 | 828 | 3.7 | 742 | 3 3 |
| THOMAS&BRENDA PEPPER | 106.6 | 21624 | 797 | 3.7 | 723 | 3.3 |
| CLIFFORD BRACE | 64.5 | 22437 | 801 | 3.6 | 711 | 3.2 |
| BARRY&JANE HULTZ | 85.5 | 21851 | 758 | 3.5 | 692 | 3.2 |
| GARDNER GLENN FARM | 78.0 | 20450 | 812 | 4.0 | 692 | 3.4 |
| DAVID RICK PAZZAGLIA | 107.4 | 22041 | 753 | 3.4 | 690 | 3.1 |
| SILVERLEA FARM | 84.5 | 21331 | 838 | 3.9 | 681 | 3.2 |
| HEYDMONT FARMS | 40.2 | 21938 | 783 | 3.6 | 680 | 3.1 |
| GLENN BOWEN | 36.7 | 21687 | 853 | 3.9 | 679 | 3.1 |
| CECIL R MOYER | 38.3 | 21277 | 779 | 3.7 | 678 | 3.2 |
| | | UNION | | | | |
| BUFF RUN FARM | 49.2 | 27167 | 1064 | 3.9 | 884 | 3.3 |
| MIFFLIN HILLS FARM | 57.0 | 27201 | 958 | 3.5 | 864 | 3.2 |
| MEADOW-BROOK | 43.9 | 25492 | 963 | 3.8 | 828 | 3.2 |
| DANIEL Z MARTIN JR | 53.8 | 25503 | 909 | 3.6 | 806 | 3 2 |
| BEAVER RUN FARM | 40.2 | 25371 | 899 | 3.5 | 786 | 3.1 |
| LEROY TROESTER JR | 45.7 | 25180 | 871 | 3.5 | 784 | 3.1 |
| RUPUS B. MARTIN | 48.1 | 24872 | 847 | 3.4 | 776 | 3.1 |
| NORMAN N MARTIN | 41.8 | 24910 | 864 | 3.5 | 774 | 3.1 |
| HILL CRAFT FARM | 51.4 | 23305 | 892 | 3.8 | 758 | 3.3 |
| MELVIN Z MUSSER | 40.8 | 24166 | 875 | 3.6 | 749 | 3.1 |
| AMOS M STOLTZFUS | 66.6 | 22802 | 863 | 3.8 | 738 | 3.2 |
| LOCUST-RIDGE FARM | 52.7 | 23097 | 829 | 3.6 | 734 | 3.2 |
| MEADOW POND FARM | 45.3 | 23201 | 807 | 3.5 | 733 | 3.2 |

(Turn to Page B22)

# Pennsylvania DHIA Herds By County For November

(Continued from Page B21)

| | | | | | | |
|---|---|---|---|---|---|---|
| BREEZY-VUE FARM | 31 9 | 23113 | 828 | 3 6 | 732 | 3.2 |
| VERNON R MARTIN | 55 1 | 23236 | 819 | 3 5 | 729 | 3.1 |
| | | VENANGO | | | | |
| DICK-MAR FARMS | 155.2 | 24215 | 830 | 3 4 | 787 | 3.3 |
| JERRY+KATHY BEARY | 51.8 | 22720 | 853 | 3 8 | 770 | 3.4 |
| | | WARREN | | | | |
| RONALD HUNTER | 31.7 | 24641 | 832 | 3 4 | 773 | 3.1 |
| RANDALL MESSINGER | 54.7 | 24518 | 865 | 3 5 | 762 | 3.1 |
| ROLLING ACRES | 50.6 | 23045 | 862 | 3.7 | 752 | 3.3 |
| JARED LINDELL | 73 0 | 21058 | 743 | 3 5 | 680 | 3 2 |
| RICHARD HARRINGTON | 49 8 | 20943 | 750 | 3 6 | 677 | 3.2 |
| | | WASHINGTON | | | | |
| HAMILTON BROS | 257 9 | 25769 | 909 | 3 5 | 816 | 3 2 |
| PLAINFIELD FARM PART | 93 1 | 24973 | 947 | 3 8 | 754 | 3.0 |
| JOHN & J E MARCHEZAK | 78 2 | 23210 | 791 | 3 4 | 736 | 3 2 |
| CO-HILL FARMS | 85 9 | 22134 | 837 | 3 8 | 731 | 3.3 |
| MARION PYLE STONE | 38.4 | 23921 | 931 | 3 9 | 730 | 3.1 |
| | | WAYNE | | | | |
| KEV&GERARDA BURLEIGH | 51.6 | 24299 | 923 | 3.8 | 782 | 3.2 |
| HIGHLAND FARMS | 73.2 | 23483 | 846 | 3 6 | 748 | 3 2 |
| CON ACRES | 45 5 | 23118 | 764 | 3.3 | 729 | 3 2 |
| ART & BARB RUTLEDGE | 55 0 | 22680 | 820 | 3 6 | 727 | 3.2 |
| DALE WOROBEY | 43.6 | 21704 | 777 | 3.6 | 725 | 3.3 |
| CLARENCE MEYER | 97 7 | 21647 | 764 | 3 5 | 708 | 3.3 |
| TOM WOROBEY | 53 2 | 22874 | 742 | 3.2 | 705 | 3.1 |
| GEORGE&DAVE BANICKY | 56.1 | 21054 | 829 | 3.9 | 695 | 3.3 |
| CLEARFIELD FARMS | 121.2 | 21213 | 728 | 3.4 | 688 | 3.2 |
| ROWE BROS | 93 8 | 22069 | 900 | 4 1 | 686 | 3.1 |
| | | WESTMORELAND | | | | |
| HARRY R MARKER | 73.1 | 27238 | 883 | 3.2 | 868 | 3.2 |
| JOHN & ROBERT GRAHAM | 58.8 | 24665 | 873 | 3.5 | 802 | 3.3 |
| JAMES E MC QUAIDE | 67.0 | 23057 | 874 | 3.8 | 743 | 3.2 |
| RICHARD G STONER | 104.2 | 22480 | 872 | 3 9 | 706 | 3 1 |
| BILL & RICK EBERT | 66 3 | 20755 | 841 | 4.0 | 692 | 3 3 |
| CATALINA DAIRY | 156 8 | 21750 | 847 | 3 9 | 688 | 3 2 |
| | | WYOMING | | | | |
| INSINGA HOLSTEINS | 74.8 | 24828 | 881 | 3 5 | 780 | 3.1 |
| WAYNE-ROGER SHERWOOD | 70.9 | 23571 | 962 | 4.1 | 767 | 3 3 |
| COUNTRY HEAVEN HOL | 77.3 | 22540 | 769 | 3.4 | 729 | 3.2 |
| SHUPPS FARM | 44 6 | 21409 | 917 | 4 3 | 690 | 3 2 |
| RICHARD PLACE | 59.4 | 21438 | 766 | 3 6 | 683 | 3.2 |
| | | YORK | | | | |
| WALK LE HOLSTEINS | 100.1 | 27500 | 998 | 3.6 | 860 | 3.1 |
| RAMSEY S COOPER JR | 75.8 | 27644 | 1003 | 3.6 | 860 | 3.1 |
| SMYSERS RICHLAWN FMS | 76 6 | 27823 | 1003 | 3.6 | 826 | 3.0 |
| LEONARD GREEK | 58.8 | 25529 | 946 | 3.7 | 820 | 3.2 |
| GLEN & DAWN ANDERSON | 92.2 | 24982 | 777 | 3.1 | 790 | 3.2 |
| WAYSHAR FARM | 94.4 | 24934 | 844 | 3.4 | 783 | 3.1 |
| RUTTERS | 57.7 | 24363 | 894 | 3.7 | 781 | 3.2 |
| EDWIN L CALHOUN | 59.7 | 25271 | 950 | 3.8 | 778 | 3.1 |
| CALVIN HOSTETTER | 120.1 | 23811 | 914 | 3.8 | 777 | 3.3 |
| EARL FUHRMAN | 99.2 | 24253 | 860 | 3.5 | 758 | 3.1 |
| LYNN WOLF | 110.4 | 23821 | 819 | 3.4 | 753 | 3.2 |
| FURNACE CREEK FARM | 112.8 | 22825 | 757 | 3.3 | 720 | 3.2 |
| KATE-ANN | 21.8 | 21972 | 766 | 3.5 | 720 | 3.3 |
| ELVIN R DEITER | 67.4 | 22366 | 770 | 3 4 | 717 | 3.2 |
| GARY W THOMAN | 57.2 | 22178 | 778 | 3.5 | 716 | 3.2 |
| | | NEW JERSEY | | | | |
| MYERWOOD FARMS | 314.3 | 24609 | 915 | 3.7 | 749 | 3.0 |
| DRAKES ACRES | 67.3 | 20488 | 754 | 3.7 | 683 | 3.3 |
| | | NEW YORK | | | | |
| HALL, BERNARD E. | 69.0 | 27839 | 1053 | 3.8 | 863 | 3.1 |
| POWELL FARMS | 113.9 | 23135 | 852 | 3.7 | 748 | 3.2 |
| HIDDEN VALLEY FARM | 398.1 | 23754 | 829 | 3.5 | 744 | 3.1 |
| HUGH L. MARTIN | 97.6 | 22854 | 802 | 3.5 | 718 | 3.1 |
| B.LEONARD REICHMANN | 75.9 | 21677 | 702 | 3.2 | 711 | 3.3 |
| RON,KAREN,&RON CHASE | 76.3 | 22486 | 844 | 3.8 | 692 | 3.1 |

# 4-H HAPPENINGS

### 4-H Veterinary Science Course

4-H veterinary science courses are being offered in January-April to all youth ages 12-19 years by Penn State Cooperative Extension, Bucks County. The classes will be taught by local veterinarians.

Students will receive hands-on training in animal science including how to take an animal's temperature, pulse, and respiration rate, normal and abnormal behavior, and general animal physiology in Vet Science I. A visit to a vet's office or farm may be included.

Vet Science I will meet for six sessions and is offered in four locations.

- Wrightstown Village Library, Tuesday, Jan. 26, Feb. 2, 9, 16, 23 and March 2, from 7 - 8 p.m.
- Delaware Valley College, Monday, Jan. 18, 25, Feb. 1, 8, 15, and 22, from 7 - 8 p.m.
- Plumstead Grange Hall, Saturday, Jan. 23, 30, Feb. 6, 13, 20, and 27, from 9:30 a.m. - 11 a.m.
- 4-H Extension Office (Doylestown), Wednesday, March 24, 31 and April 7, 14, 21, and 28, from 6:30 p.m. - 8 p.m.

Registration is required and can be made by calling the Bucks County Penn State Cooperative Extension office at (215) 345-3283. The registration deadline is Wednesday, Jan. 6, 1999. Class size is limited to the first 20 registrations. Students may become 4-H members during the first class. For additional information on this or other 4-H programs in Bucks County, please call Penn State Cooperative Extension.

### Mifflin County 4-H Baby Beef Club

The last meeting of the beef club was Dec. 3 at Lisa Macknair's.

There was a short meeting. Shots for TB were given out to those who did not get them.

The weigh-in will be on Saturday, Jan. 16, at 8 a.m. at the Youth Park in Reedsville.

The meeting dates were changed one last time. The monthly meeting will be the second Thursday of each month.

Plans were made to attend the 1999 Farm Show in Harrisburg. The club will be going to the Farm Show on Wednesday, Jan. 13. If you plan to go, call Paula Fisher by Dec. 31.

The rules of the club were also discussed.

The next meeting will be Jan. 14 at the Mifflin-Juniata Vo-tech school at 7:30 p.m.

### Bucks County 4-H Junior Cloverleaf Awards

Bucks County youth received the Junior 4-H Cloverleaf Award at the 4-H Achievement Day program recently. The award recognizes leadership and outstanding work in carrying out 4-H club responsibilities.

Award winners in the 8-11 year old category were:

- Steven Buckman, 10, son of Warren and Lisa Buckman, Perkasie. He is a member of the Bucks County 4-H Dairy Club. Steven's a sixth grade student who has raised a dairy calf for three years, dairy heifers for two years, and a dairy cow for one year.
- Josh Andress, age 9, a member of the Bucks County 4-H Sheep Club, is the son of Ron and Sue Andress, Ottsville. Josh has also been a member of the Ottsville 4-H Club. He's in fifth grade and his 4-H project has been sheep breeding.
- Carolyn Velas, member of the Spurs N Burrs 4-H Club, is eight years old and this is her first year in 4-H. She is a fourth grade student and the daughter of Joseph and Deborah Velas, Quakertown. Carolyn's 4-H projects included novice horseman.

Five outstanding Bucks County 4-H youth received the county Junior Cloverleaf Award. They are:

- Craig Dodge, Buckingham 4-H Club, son of Tim and Deb Dodge, New Hope, is in his fifth year of 4-H. He's in eighth grade and his projects include dairy, camping, potatoes, woodworking and helping his brother raise a Seeing Eye puppy. Craig has been the club news reporter and secretary.
- Rachel Crooke, daughter of Daniel and Annette Crooke, Doylestown, belongs to Danboro 4-H Club and the 4-H Dairy Club. Rachel is an eighth grader and this is her sixth year in 4-H. Rachel has been the club news reporter, flag bearer, and treasurer.
- Jen Gardner, Riders of Dark Hollow Club member, is 13 years old and in her second year of 4-H. Daughter of Theresa Gardner, Warrington, she has been the club vice president. Jen is active in a wide variety of community service events, including special equestrians.
- Heather Stephensen, 12, is starting her third year in 4-H. She's a member of both the 4-H Sheep and Warminster 4-H Clubs. Daughter of Wayne and Nancy Stephensen, Huntingdon Valley, her projects include market lamb, vet science II, at your disposal, dairy cow, and embryology. She's vice president in both clubs.
- Kendel Dimmick, 12, is a member of the Spurs N Burrs 4-H Club. The daughter of Jeff and Debbie Dimmick, Quakertown, she's an eighth grade student. Dimmick has won blue ribbons in both the county and regional 4-H Horse shows.
- Pam Watson, daughter of Robert and Barbara Watson, Doylestown, is a member of Buckingham 4-H Club. She's 12 years old, a seventh grade student, and this is her third year in 4-H. She's just been elected 4-H club president.

### Lancaster 4-H Beef

The Lancaster County 4-H Beef Club met on December 9, at the Farm and Home Center. PA Farm Show information was given by Chet Hughes, county agent.

Community Service projects were voted on and include donations to the 4-H Development Fund, two needy families, and the S. June Smith Center. The evening concluded with a Christmas Party.

The Livestock Banquet will be held February 5, at the Farm and Home Center. This will be a recognition night for 4-Hers as well as sponsors and buyers of 4-H livestock.

# Farm Women Societies

## York Society 26

**York County Farm Women #26 met at the home of Doris Goodlander for the December meeting. This was the annual Christmas party. There was an exchange of gifts and each member brought a covered dish. Seventeen members attended and Doris Goodlander and Athena Beshore were hostesses.**

**A short business meeeting was held by outgoing president, Athena Beshore, and she swore in Beverly Laughman as a new member.**

**Thirty-seven members and guests attended the Christmas banquet on December 5 at the Grange Hall at Lewisberry.**

**Incoming President Martha Huston passed out the booklets for 1999.**

**Jan Sechler, Janet Lahr, and Charlotte Hardy will attend the State Convention at the Forum on January 11, and they will give the report on the convention at the January meeting.**

# CEO Outlines Dairy Industry Challenges

ROSEMONT, Ill. — Good intentions alone will not strengthen the bridge that leads the dairy industry to the next millennium. Results will only come from producer groups that work together and from strong partnerships with others in the dairy marketing chain.

That was the message Tom Gallagher, Dairy Management Inc.™ CEO, delivered to 1,500 attendees of the recent second joint annual meeting of the National Dairy Promotion and Research Board, National Milk Producers Federation, and United Dairy Industry Association.

"Partnership, unity and results' is the mandate dairy farmers and dairy cooperatives gave their promotion groups at our first joint annual meeting last year," Gallagher said. "We said then we would consolidate services among the three organizations to save money. We have --nearly a half million dollars."

This includes an integrated $187 million fluid milk plan to capitalize on efficiencies, as well as a plan to build national and international marketing relationships to stretch producer dollars and make the greatest impact possible. It's working, Gallagher said. Total milk sales show an annual increase of 2 percent to 3 percent. The 20 billion-pound gap between production and consumption, which existed in 1984 when checkoff began, has closed.

On behalf of dairy producers, DMI nationally and locally invests $81 million in the fluid milk program, along with efforts of local staff who implement promotion programs at the state level. MilkPEP contributes $106 million; California Milk Processor Board puts about $20 million into state advertising. Some 130 retailers representing more than 60 percent of store volume extend the retail effort. Branded fluid milk marketing efforts complement these partnerships by spending up to $20 million.

Many consumption issues go beyond a pure marketing solution, Gallagher said. Fluid milk can be a success story in the next few years if the industry creates a task force that expands the DMI-MilkPEP marketing relationship to include those responsible for policy and regulator affairs.

"National Milk Producers Federation (NMPF) and the International Dairy Foods Association (IDFA) are critical to this effort," Gallagher said.

The expansion of school feeding programs and colder, better milk in schools are specific areas where marketing and policy need to work in concert, he said. Changes in product, packaging, and points of availability also need to happen more quickly and must be followed by marketing dollars.

On the cheese side, DMI must work with companies to develop an industry-wide marketing approach similar to that of milk's, if not financially, then through coordinated planning and programming, Gallagher said. California puts about $18 million behind cheese. Wisconsin supports cheese at about $11 million annually. Nationally and locally, DMI puts $58 million into cheese efforts, an increase of 38 percent over 1997. In addition, 112 retailers, representing more than 60 percent of store volume, extend the cheese program across the country. Brand spending is at more than $400 million, including foodservice and frozen pizza marketing.

"The huge gap between industry efforts behind milk and cheese needs to be closed, not at the expense of milk, but rather to the betterment of cheese," Gallagher said.

DMI also has partnerships with organizations that spend more than $3 million annually to promote the use of nonfat dry milk and dry whey in food processing. On behalf of dairy producers, DMI funds this effort at more than $4 million, with the focus on improving dairy's ingredient image with food technologists.

In the export market, DMI works with NMPF, IDFA and the 70 companies that belong to the U S. Dairy Export Council (USDEC) to help increase demand for American dairy products internationally. DMI funds the USDEC budget at more than $6 million. USDA allocates nearly $3 million, with member dues totaling about $1 million.

Gallagher's vision for the future has foundation in several initiatives, including identifying promotion's role in the marketplace given trends in consolidation. It also includes strengthening the grassroots involvement of dairy farmers and local boards in directing the unified national program and role of the UDIA House of Delegates.


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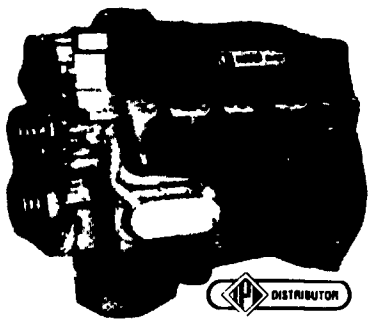
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Snowplows 12', 11', 10', 9', 7-1/2', 6-1/2', 6', lots of mounts, pumps , 3' Kubota roto, $600, 1960 Willys jeep, $999 Rich, 570-726-7545 Clinton Co

Pequea running gear, 12 ton, new 814-344-8912 Camb Co

Clark 4500 lb 2 stg tow motor, forklift, gas, good cond , $2400 717-369-2819 Frankl Co Eves

1125 MF 25hp 4WD turf tires, steel cab w/heater, block heater loader, 221 hrs ex shape 301-241-3157 Fred Co

Alfalfa, high quality from Colorado, 22 ton loads, $180-$200/ton, delivered 814-472-7038 Cambria Co

Mini Dachshund AKC 16 mo M pet and prove stud, $200, 2 females, 18 mos , $375/both, friendly 717-484-4623 Lanc Co

3-3' lengths, stainless steel chimney pipe w/cap mounting brackets base, used very little 610-754-7188 Montg Co

Mixed good hay, $115/ton, no rain, take all 12+ tons, a better price Anytime, 814-364-1261 Centre Co

JD G, running cond , JD 801 3 pt hitch No Sundays, 717-359-4371 Adams Co

Feed carts, 30"x60' or 24"x61" w/2 compartments, 3/4" CDX plywood Roy Fisher, RD1, Box 103E, Mill Hall, PA 17751 Clinton Co

Farmall model H loader, good rubber, new paint, $1395 or offer, 2 pt sprayer, ready to go, $150 for tractor 610-286-9078 Chester Co

1987 Dodge Colt, eng , & trans have about 68K, nice car, $750 OBO, must sell 717-664-3637 Lanc Co

'84 Ford 150 p/u, no insp , no reas offer refused, 4 Ford wheels, chrome w/285/70 tires 717-445-6917 Lanc Co

1942 JD A parts, DLTX 71 carburetor, elec start flywheel, good rockshafts & cover, other misc A parts 410-848-6715 Carroll Co

Lg sq bales of grass hay, $100/ton, round bale feeder, $100 truck camper, $150, trade for cows 717-532-7837 Frankl Co


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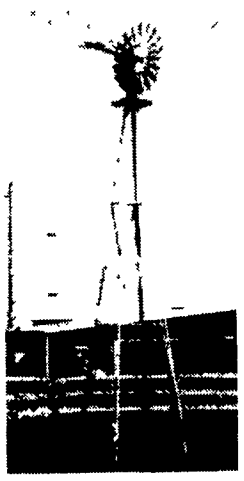
**◆ Ornamental Windmills ◆**

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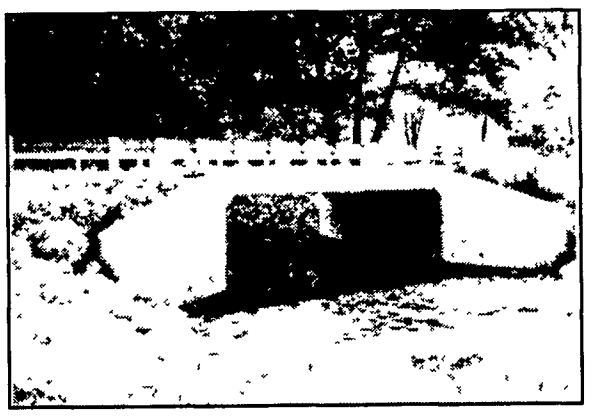
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## MAILBOX MARKET FOR SALE

49 15 acre 1 BR cabin beautiful view, good access Sugar Grove West VA $63,980 St Marys Co 301 373-5736

Firewood from a tornado $25 pickup load 717 786-3298, Lancaster Co

JD MT running cond , 1939 JD B exc cond , JD 440 crawler parts, JD M & H parts Lyc Co 570-482-2070

Honda 8HP Rear tine tiller 5 years old $800 firm York Co 717 244-2155

Oliver 1949 crop row , 66 ser #422162C66C 1949 First year $2000/OBO w/brushmug Lv Mssg N Hampton Co 610 746-1817

M F S 3 000 bushel grain bin w/dryer $3500/OBO, VG shape, J D wood splitter exc cond , $800/OBO Carroll 410 346-6428

Dur-therm kerosene Heatrola/5 tube radiator/ 1 room warm morning coal stove/ 2 storm windows 28 'x47" 3 track Dauphin Co 717-533-3520

180AC 3900 hrs $6200, HD16 bulldozer $9750 , long irrigation gun $8000, 660-int high sprayer $3500, Int S6 planter $650 Carroll Co 410-795-8469

Kubota tractor L3650 4X4 loader 2 buckets cab only 526 hrs mint cond , must sell fast $23,500 obo Bucks Co 215-493-4108

Forklift, 1985 Komatsu FG255 14' mast 4300 lb $4995 Bridgeport Mill series II 9"X42', readout, collets $6000 machinist tools Sch 717-345-1142

2 auto self feeding, hot glue, cardboard carton sealers, 480v, 30, various conveyors & potato handling equip 717-647-2623 Sch Co

6 ft Deering NI grain binder, restored w/new canvas, $250, 6' Oliver Cockshutt, 6B grain binder, $100 717-435-0647 Lyc Co

Farmall Cub, 2 5' mowers, cultivators, snow blade, chains, $2500, McCormick, 7' sickle bar, $125, woodstove, $50 610-385-3790 Berks Co

Hardwood stakes, 1000 1"x2"x4' 4"x4'x30" cherry turning squares Wm Degenhardt, HC87, Box 93, Franklin NY 13775 607-829-8739

1973 Chevy Camaro Z28, GMHO350, alum cyl heads, angle spark plugs, alu intake, 10-1 CR charter, carb runs 215-679-9496

1395 NH haybine, 1,000 hrs , Brillion 13' roller harrow, Brillion 14' transport spring tooth harrow, 13' Pittsburgh disk 717-359-5084 Adams Co

10 reg Holstein cows, great breeding, all stages of lactation, sold as group, $1800 ea 410-658-7935 Cecil Co

JD manure spreader, ground driven, exc cond , $1000, poss delivery, full-blood Boer, goat service For details, 717-624-1533 Adams Co

Patz barn cleaner, 2 units, & 300 ft chain clockwise, 100 15" paddles, good shape, $4 ea 717-786-0158

Implement tires, 2 pair, 29x11 0-10, 1 pr , 6 50-10, $25/pr 6' landscape rake, 3 pt hitch, never used, $300 717-582-3868 Perry Co

1981 Ford F350 wrecker, 6F 3 ph rear blade, 9N Ford tractor & loader, 2x plow, 6" PTO auger 717-672-2453 North'd Co

Mixed hay, lg round blaes, 2 gravity wagons 717-939-4213 Dau Co

9 mos old male Sheltie pup, very active & alert, shots & wormed, ready to go, $75 610-593-2753 Lanc Co

Ford 4000 industrial 4WD, heavy loader, bad trans , $3500 OBO 717-359-9597 Adams Co

Tuff washer & trailer 200 gt , 16hp, B&S Vanguard HCW 1 yr old, hardly used, BO, Millington, 410-928-5267 Queen Annes Co

Eng , Kohler 2 cyl diesel, 3-53 Detroit 40 ft boom, 1 cuy bucket B model Mack 814-495-4564 Cambria Co

Hercules, 3 hp hit & miss eng w/homemade cart runs, $950 After 6 pm, 610-799-5024 Lehigh Co

AC mounted right & left hand plow for model B, CA, etc , tractor, $100, 1986 Crown Victoria, exc 908-996-6959 Hunterdon Co

15 pass Dodge van, runs, high miles, make offer, body good, mechanics special, cheap 717-284-4566 Lanc Co

Brillion chisel plow, 3 pt 7 tooth, high clearance, $1150, NH 770W, hay head, $275, White 508 3x18 plow 717-776-4261 Cumb Co

JD Cyclone B, nice 717-626-6014 Lanc Co

Reg 3 yr old Percheron stallion, 98 Blair livestock trailer 20Lx7'H, reg mare, 6 yr old 610-562-1414 Berks Co

AKC Maltese 4 pound female, almost 2, not housebroken, cage trained, loves everyone, also stud service 570-644-1586 North'd Co

8' sheetmetal brake 30" & 36" shears 30" & 36' rolls, #2 Di Acro bender, 21" 30", barfolders, etc 717-792-9282 York Co

Brady 18' field cult , new buster bar, 12 ft , Brillion packer w/2 Brillion pups, exc cond 717-653-6758 Lanc Co

Lead mule, 3-1/2 yr old, 16 2 hands jack from Elmer Glick's jack, $2500 neg , 3 yr old Belgian/Morgan 717-866-6696 Leb Co

7 yr old single seat buggy, rubber, exc cond , $2000 OBO 570-966-1025 Union Co

19 4+ acres, Nottingham fields, Rising Sun, nice area, great views, horses OK, adjoins open space, open, wooded, $129,900 410-658-9400 Cecil Co

Restored 20' 5th wheel cattle trailer, $3000 OBO, cattle squeeze shut auto head gate, $2000 OBO, Richy sgl bowl water, $280 OBO 814-674-5937 Cambria Co

Lawrence, NY, 55 acres, 770' frontage on Hallahan Rd , wooded, electric, good mobile home site, possible terms, $11,500 516-253-0933 St Lawrence Co

Hardy outdoor wood furnace, 180,000 btu w/heat exchanger, 30 gal stainless steel steam kettle, LP gas fired 814-793-3927 Bedford Co

Drag harrow, front weights for JD 3020, oats, hay, straw, JD 70 tractor, WFE, exc , smoker elevator 610-262-9781 Lehigh Co

1974 GMC dump truck, 19,000 gross wt , exc cond , $4500 717-694-3670 Sny Co

Gehl 1060 forage harvester, elec controls, metal stop, tandem axle, hyd swing tongue, 2 RN corn, 7' p/u head 717-530-0406 Frankl. Co

5 hp Brunner milk compressor, belt driven, good cond , w/o motor, cools very good 610-987-6333 Berks Co

Early model A-23300 gleaner, SP combine, JD model E low down manure spreader, operating con 610-589-4710 Berks Co

Reg Scottish Highland, 5 red bulls, 1-1/2 to 4 yrs , $450, to $900, polled Hereford bull, quiet, $650 610-588-0024 North Co

Feeder steers & heifers, Angus, Charolais, Hereford, Crossbred, appx 600 lb After 5 pm, 717-432-4231 York Co

Five H 5"x10", 30' I beams, make offer, slaps wood, hardwood, $12/bundle, split firewood Adin Hoover, 1280 Woodlyn Dr , Denver 717-445-6988


**ALL PURPOSE CART**

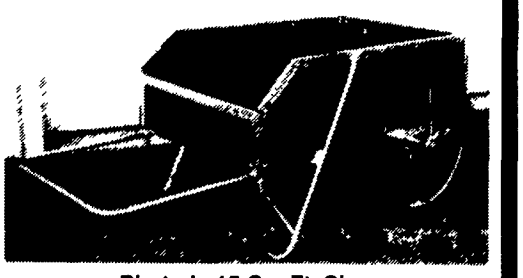

**Photo Is 15 Cu. Ft. Size**

- 15 Cu Ft Model—assembled with removable front & back, 26" pneumatic tires. **$165.00**
- 8 Cu Ft Model—assembled with solid front & removable back, 20" pneumatic tires **$138.00**

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**HARRIS STEELWORKER MEDIUM DUTY KIT**
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Gas & Diesel - Miller & Lincoln
150 to 400 Amp
Prices From **$1,000-$3,500**

**FLEX-A-PRENE WELDING CABLE**

| | List | SALE |
|---|---|---|
| #2 Per Ft. | $1.85 | $1.00 |
| #1 Per Ft. | $2.25 | $1.40 |
| #1/0 Per Ft. | $2.70 | $1.60 |

**FISHER'S FARM SHOP**
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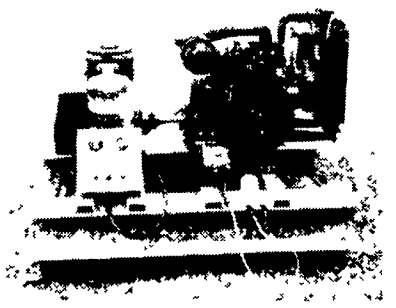
**610-869-4477**

**Perkins**
**Sales & Service**



- Diesel Air Compressors
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- 7-160 HP Open Power Units
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For Sale ❑ Notice ❑ Wanted ❑
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| 9 | 10 | 11 | 12 |
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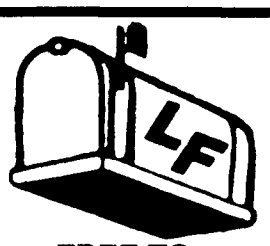
| 17 | 18 | County | Phone No. |

**No Phone Calls Please!**

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4) Phone number must include area code.
5) Your County must be included.
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7) No Business Ads accepted.

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**1 E. Main St.**
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**Ephrata, PA 17522**

# Public Auction Register

**Closing Date Monday 5:00 P.M.**
**of each week's publication**
**Internet Sale Register will be updated**
**every Sat. at 2:23 P.M.**

## Absolute Auction
### Liquidation of
### Shunnaras Big Bee Market
## Mon. Jan. 11, 1999 At 1 PM
**Located Along Rts 11/15 Marysville, PA. Just North of I-81.**

**Food Service Equip.**

Garland Gas Stove 10 Burner Double Oven, Vulcan Gas Stove 6 Burner/Oven, Henny Penny Gas Fryer, Ansul System Exhaust Hood, Berkel Slicer, Hobart Mixer, Southbend 36" Gas Stove 6 Burner, US Berkel Bread Slicer, Hollymatic Model 54 Patty Maker, 100 Lb. Mixer/Grinder, Hobart Cuber/Tenderizer, Toledo 8423 Step Saver Scale/Wrapper, 2 Omron 4000-1 Scales, Pinnacle 24" Glass Front Deli Case, 4 Toledo 8427 Digital Scales/Printers, 8' Hot Food Deli Case, 3' Hot Case, Hussman 40' produce Case, 2 12' Hussman Meat Cases, 2 Perma Steel Conveyor Checkouts, #10 Can Rack, Pioneer-Laser Floor Polisher Scrubber, Butcher Block Table, 6' S/S Table w/Drawers, 6 Racks/Pans, Heat Seal Wrapper, Cheese Slicer, Banana Tree, Cake Molds, Pots, Pans, Utensils, S/S Pans, Wire Racks, 10' S/S Prep Table, Wooden Display Racks, 8' Fluorescent Tubes, Misc Displays & More! Inspection Day Of Auction 9 AM. Removal By Fri. Jan 15, 1999.

**Auction Ordered By:**
**J. Shunnara, Owner**

KERRY PAE AUCTIONEERS
Harrisburg, PA
AU1367 (717) 236-3752

## PUBLIC AUCTION
### Rentzel's Auction Barn
## SAT., JAN. 9, 1999
### 9:00 AM
**1 1/10 Mile North of Manchester, PA off Rt. 181**
### ANTIQUES & ANTIQUE FARM EQUIPMENT
### CONTENTS OF MABLE GROVE from SPRY, PA

Farmall M., Int. 32 Drag Dise, 2X Int. Trailer Plow, Spring Harrow, Spike Harrow, Brillion Double Cultipacker, Steel Wheel Hay Rake, Dump Rake, 1 Row Riding Culti Potato Plow, Shovel Plows, Syeraure 1 Horse Plow, Steel Wheel Manure Spreader, Hay Loader, Blizzard Silo Filler, McCormick Grain Binder, Int. #7 Sickle Bar Mower, Weeder, Wooden Wheel Wagons w/Hay Flats & Boxes, Land Roller, Farquhar Thresher, Wood Saw, Potato planter, Tedder, 1 Row Corn Planters, Boot Drill on Wooden Wheels, Hog Troughs, Single & Double Trees, Seed Cleaner, Scalding Trough, Whip.

2 H.B. Pfaltzgraff Crocks, & Other Crocks, Wash Stand, Rope Bed, Mission Bed, Granite Ware, Tin Lunch Pail, Wagner & Griswold Iron Kettles, Rayo Lantern, Dietz Lantern, Jugs, Tin Butterfly Push Toy, Cigar Molds, Lewisberry Coffee Grinder, Hog Scrapers, Kerosene Lights, Old Photo Album, Brace & Bits Set, Bread Paddle, License Plates - 20's - 40's & 50's, Milk Bottles, Blue Jars, Market Baskets, Burlap & Cotton Feed Bags, Butter Churn, Butcher Kettles, Long Handle Tools, Buckeye Incubator, meat Grinder, Sausage Press, Planes, Berry Crates, Broad Axe, & Wooden Egg Crate.

Old Literature - Messinger Ideal, Farquhar, McCormick, Johnson, Massey Harris, John Deere, Emerson-Brantingham, A.C., York Body Corp., 1924-25 Fur Animal Laws.

Steven 22 Lever Action Long Rifle & New Worchester Double Barrel.

This is a partial list - Large items sold 1st outside & Small items will be sold in Auction Barn.

TERMS: CASH OR GOOD CHECK.

**RENTZEL'S AUCTION SERVICE**
**Emigsville, PA**
**Phone: (717) 764-6412**
**Barn: (717) 266-7200**
**Blaine N. Rentzel**
**PA Lic. #761**

SAT JAN 9-4 30PM , Terms by Mr Allen Cope of Cope Equip , Garner Aucton Center 3 Miles SE of Carrollton, OH on SR 43 To Canyon Rd , Toy Auction 400 Pcs, Pedal Tractors Larry W Garner Realty & Auctioneers

SAT JAN 9-9AM, Mable Grove, Spry, PA, Antiques & Antique Farm Equip , Rentzel's Auct

MON JAN 11 - 11AM Farm, approx 450 acres, 3 parcels Located Bradford Co , Rome, Pa off Rt 6 at Wysox onto Route 187,5 miles to Rt SR1055 Battle Creek Rd , auction to be hel at FAS building located in Wysox, Pa Shamrock Auction Service

MON JAN 11- 10 00, Country Table Restaurant, Mount Joy, PA, Liquidating Banquet Business Only, Tables & Chairs, Multiple, China & Galssware, Equipment, Misc Inventory Itmes John Hess Auct

MON JAN 11-1PM, Located along Rts 11/15 Marysville, PA, Terms By J Shunnara, Food Service Equip,, Kerry Pae Auct

TUES JAN 12 - 9AM HH goods, full line of farm equipment, feed, mules Located between Rt 30 & 340 turn off Rt 340 W end of Smoketown on Witmer Rd to 58A Lanc Co , Pa Terms by Ephrain S & Fannie Z Beiler, Auct Robert E , Jeffrey R & Michael L Martin & Randall L Ranck, aucts

TUES JAN 12-10AM, Terms By Just Nuts & Candy, Trexler Mall, Trexlertown, Lehigh Co , PA , Candy Store Equip & LLDispaly Cases , Zettlemoyer Auction Co

TUES JAN 12-10AM, Yarn Mfg & Warping Equip , Lewistown Specialty Yarns, 1000Elizabeth St , Lewistown, PA, Wm F Comly & Sons

WED JAN 13 - 9 AM Farm equip , cows & horses 126 Salem Rd , Kirkwood For Stephen King Mel Hoover, Auct

WED JAN 13 - 2PM Real estate 1977 Norris 14'x60' mobile home w/10'x20' enclosed finished front porch 978 Truce Road, Providence Twp, Lanc Co , Pa between Truce & Rawlinsville By Orella F Eshelman Estate Shirk Reist, Wagenseller & Mecum Howard E Shaub, Inc , aucts

WEN JAN 13-2PM Public Sale, Antques, Household Goods, Collectibles & Tools, Horst Auction Center, corner of Rt 322&Durlack Rd , Ephrata, PA, Horst Auct

## Sechrist Auctioneer Postponing
## John Adams Farm Machinery Auction
**To Be Held**
## Sat., Feb. 6
**at 9 AM**

## PUBLIC AUCTION
### FARM MACHINERY - TRACTORS
### JD 420 CRAWLER
### PERSONAL PROPERTY
## FRI., JAN. 29, 1999
### Auction Time 10 AM

**LOCATION:** 310 Clouse Ln , East Earl, PA From Blue Ball Rt 322 West approx 1-1/2 mi turn right at Clouse Trucking onto Clouse Ln to farm

**Farm Machinery - Tractors**
**John Deere 2030 Diesel on Steel w/Rabbit/Turtle**
**John Deere 420 Crawler w/Loader**
**Farmall A on Steel w/Plow & Cult.**

IH #450 3B Auto Reset Plow, Ford 3 B 14" 3 Pt Plow, JD KBA Trans Disc, Brillion 10' Cultipacker, JD 1240 4R Shoe Cornplanter, JD 246 2R Cornplanter, JD 3 Sec Harrow, JD #400 Grinder/Mixer, N H #451 3 Pt Sickle Bar Mower, Smoker 20' Elevator, 2 Flat Wagons, 3 Pt Scraper Blade, 3 Pt Field Sprayer w/Ploy Tank, 2 R Transplanter w/110 Gal Poly Tank, 3 Pt 2R Cultivator, 250 Gal Tank, Dump Rake, Cultivator for Farmall H, Hood & Engine for Oliver OC3 - (As Is), Tob Ladders, Approx 5000 Lath, Tob Rails, 4 Tob Bale Boxes, Scrap Iron & Pipes, Menn Carnage, Walking Plow, Breaking Cart Potato Plow, Pony Cart, Driving Harness, Shovel Harrow, Single & Double Trees, 2 Fuel Tanks, Toro Wheelhorse 310 Lawn Tractor, Tob Hoer w/B&S Eng , 14' Alum Gate, Husqvarna Chain Saw, Homelite Leaf Blower, Echo Weed eater, Misc Hand Tools, Cast Iron Kettle, Alum Ext Ladder, Platform Scales, Handyman Jack, **DINNER BELL SIGNED - C. S. HILLBORO;** Claw Foot Bathtub, Chicken Coop, Cedar Wardrobe, 2 White Oak Milk Bottles, Blue Canning Jars

**NOTE:** Approx 2 wagon loads of sm items followed immediately by equipment Food stand Terms are cash or good PA check

**Terms by**
**AMMON M. SHIRK ESTATE**
**Neil R. Stauffer, Administrator**
**717-445-9716**
**Leonard H. Zimmerman, Administrator**
**717-445-7761**

Auction conducted by
Randal V Kline, Lloyd Kreider
Roy Good, Jr , Auctioneers
#2116, #499, #513
717-445-4309

KLINE, KREIDER & GOOD
AUCTIONEERS

## PUBLIC AUCTION
### CANDY STORE EQUIPMENT & DISPLAY CASES
## Tues. Jan. 12, 1999 at 10 AM
**In the Trexler Mall, Trexlertown, Lehigh Co., PA. (along Rt. 222 between Allentown & Kutztown)**

**Display Cases**

4 OAK w/brass brushed alu frames, flat top & 3 shelves 2 dry 84" long and 1 refrig 72" long; 4 Formica covered flat top, 3 shelves, 3 dry 48", 60" & 72" long and refrig 120" long, 2 Jeweler cases, 60" long; lg 3 shelf case, 60" long; 2 self serve 48" long w/12 compartments.

**Equipment**

Elec deep fryer w/ss grill stand w/vented hood & ansul system; TEC digital scale; antique fan scale; Sharp electronic cash register, Kroy 60 label maker; elec sign board, Magnavox observation camera & monitor; Sanyo mini refrig; microwave; 100's flat molds; 3 D molds, 5 Acrylic bulk candy dispensers, 100+ acrylic & stainless display trays; 7 steel gondolas, adj wire shelf units; metal shelves; ss & glass display shelf; plus many items not listed.

**Note:** - Store is closing everything must go! Nice clean equip.

Terms – Cash or check. New bidders must have specific bank letter - contact Auction Co

Selling for **JUST NUTS & CANDY**

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# Public Auto Auction

**EVERY MONDAY & THURSDAY AT 5:00 PM**

**OVER 1000 CARS & TRUCKS AUCTIONED WEEKLY**

**Vehicles From -**
**Bank Repossessions, Dealer Trades, Drug Confiscations, and Off Leases**

1200 Ridge Pike - Conshohocken, PA
Carriage Trade Auto Auction
*Exit 7B off the Blue Route. Just Minutes From Plymouth Meeting Mall*

***For More Information Dial 215-CAR-SALE***

## PUBLIC AUCTION

**RARE & DIVERSIFIED COLLECTION OF AMERICAN & OVERSEAS ARTIFACTS & MEMORABILIA RARE MARITIME ARTIFACTS, PA GERMAN IRONWORK, EARLY WAGONMAKER'S & CABINETRY TOOLS, TRUCKS, TRACTORS, FARM EQUIP., BACKHOE, ANTIQUE GAS & STEAM ENGINES, QUILTS, EXOTIC CLOTHING, RUGS, RARE BOOKS**

## Sat., Jan. 16, 1999 at 9 AM

**663 Guldin Rd., Blandon, Berks Co., PA. (Between Kutztown & Reading turn East off Rt. 222 onto Rt. 73 at traffic light at Blandon, go 1.5 mi. to Guldin Rd.**

**Farm Equip. & Related Items**

1952 JD Cyclone A tractor, 1949 JD Cyclone B, 3 pt, new rings, Ford 9N, show cond, perfect sheet metal, new wiring, RARE 1956 Ferg 40 tractor good cond; 5' 3 pt rotary cutter; 3 pt utility box; 3 pt 2 btm plows, 3 pt crane; FMC 3 pt pto SideWinder ditcher; MC 7' disc; Ontario 11' grain drill/steel; 7' lime spreader,

**Backhoe**

1975 Ford 5500 loader/backhoe, rops;

**Antique Gas & Steam Engines**

Domestic 3 hp sideshaft, igniter, very nice in Shippensburg Red on oak; Domestic 4 hp sideshaft w/dbl acting piston pump; VERY RARE "Penny Pet" Horizontal Mill steam engine, circa 1875 only 2 known to exit, made in Dower-Foxcroft, Maine. Vertical Bottle steam engine, probably Payne, very handsome & brassy pc;

**Wagons**

Gruber 18' hay flat w/orig horse pole & end ladders, good orig cond, Reber 16', Centerport, PA, nicely striped; Gruber on rubber, recent bed; bobsled ironwork, Downhill racing bobsled - New England suicide model;

**Trucks & Cars**

1950 Chev 1 ton pickup w/9' 6" body, 17" whls; 1952 Chev 3/4 ton flatbed; 1974 Volvo 245 DL station wagon; 1973 Volvo 164E, 1973 Volkswagon Dasher good running orig "Hippie" lime green,

**Misc.**

Wdn Lapstrake Norwegian Fjord boat, 21'6" built 1950 Oslo on skid, 18' Swampscott Dory; 16' Oldtown canoe built 1917, Remington Zouave 59 cal musket, fine quality Phila rabbit ear shotgun, rare set Sheffield English Clogmaker's stump knives, ex set of pump augers, 10' wdn bed lathe w/nice iron head & tail stocks, 36" heavy iron bandsaw, 32' band saw, asstd work tables, vises & post vises; Pexto Wilcox tinner's equip inc: 36" pyramid rolls, very rare carriage jack w/double cam & penny feet; PA German Berks Co School bell cast in bell metal, Bronze 18" locomotive bell, pattern maker's foundry molds from Sun Shipbuilding Co , Wilmington Del , farm related specialty tools, asstd cast iron stoves, ship range, Franklin stove; Petit Godin "Van Gogh" model parlor heater, early 4 poster rope bed; Empire fold over game table, PA sassafras spicebox w/tombstone molding, sea chest w/handmade beckets & vane work, church pews, nice pine dutchie cornice cupboard, benches; chairs, tables, rugs, Limoges & Bavarian china; gold stemware; Architectural items inc raised panel doors, shutters, windows, lot rough cut lumber, barn timbers, lg asstd iron hinges, asstd banjos, head banjo, mandolin, accordions, fiddle inc very rare 1921 Gibson guitar; #7 Douglas hyd ram, largest made, hand print press; duck decoys, lg iron kettles; andirons; wdn screws, early iron sink, lot asstd firebrick inc.: tapers & spec brick in good cond, chimney pots, many items too numerous to mention

Terms – Cash, PA check

Selling for
**CAPT. MATTHEW C. WILLING**

Ralph W. ZETTLEMOYER AUCTION CO., Inc.
820 Nursery St. • Box 215 (610) 395-8884 Fax (610) 395-0227
Fogelsville, PA 18051-0215 "Proven Service Since 1955"
AU-001809-L

# Public Auction Register

**Closing Date Monday 5:00 P.M.**
**of each week's publication**
**Internet Sale Register will be updated**
**every Sat. at 2:23 P.M.**

WEN JAN 13-10 00AM, William S Jones Estate, Ridge Fire Co Pavilion, along Rt 23, Between Phoenixville, PA and Rt 100 Antique Furniture, Peafowl Spaterware, Ted Maurer Auct

THURS JAN 14 - 9 30AM Holstein Herd Dispersal, farm machinery, hay, straw and fodder Loc 2800 Lyons Bone Rd , Oxford, Pa From Oxford take Rt 472 E app 1 mile turn left at Fork in the rod go 1 mile to farm on right Terms by Levi Z and Sarah E Fisher Kreider, Kline & Good Aucts

FRI JAN 15-2 00PM Terms by Noah S Minerva B Martin, 513 N Railroad Ave , New Holland, 1 1/2 Sty House-Barn/Garage 6/10 Acre Lot, Roy Good Auct

SAT JAN 16 - 8AM Public sale of private collection of antiques, china and primitives located at 6 Pine St Mt Joy, Pa Witman Aucts

SAT JAN 16-9AM , 663 Guldin Rd , Blandon, Berks Co , PA Terms By Capt Matthew C Willing, Farm equip & Related items, Backhoe, Antique Gas & Steam Engines, Wagons, Trucks& Cars Zettlemover Auction Co

SAT JAN 16 - 1 PM Real estate, approx 2 acres, erected thereon a 2 story log home, 2 1/2 story stone house built in 1800's In Eden Twp, Lanc Co , Pa From Strasburg take May Post Office Rd S turn right onto Springville Rd to property on left John R & Rebecca Glick, owners Mel Hoover, auct

SAT JAN 16-9 00AM Preview Fri Jan 15, 8-4, Terms By Stanley Zydorski, 261 Dutch Neck Rd , Est Windsor NJ, Tractor, Bean Harvesters, Equip , Irrigation Tractors, Alfred's Auctions

SAT JAN 16-9AM, Winterstown Fire Hall, Winterstown Borough, Southern York Co , PA Absolute John Deere Consignment Sale Ralph Brenneman Auctioneer

SAT JAN 16-10 30AM Morgan Complete Farm Dispersal, Farm Machinery 4 Tractors 125 Holstein Dairy Cattle On Farm In Wester NY near Humphrey/Great Valley Town Line Owners, WM Jr & Lisa Morgan, Fraley Auct

SAT JAN 16-12PM Hummel Auction, Collection of Paul & Carolyn Baker, Long Green Vol Fire Co , Long Green Baltimore County, MD, Isennock Auct

# WANTED

**OLD CIGAR BOX LABELS**
**SAMPLE LABEL BOOKS**
**AND TOBACCO SCRAP BOOKS**

Top Prices Paid, will Buy Small or Large Amounts. Immediate Settlement by Guaranteed Funds. Send Picture Sample or Good Description and Asking Price
To:

**Cigar Box Labels**
264 Forge Hill Road
Wrightsville, PA 17368
Phone 717-252-2023
**WANTED WANTED WANTED**

# PUBLIC AUCTION

**VALUABLE REAL ESTATE**
**1½ STY. BRICK 3 BDRM. HOUSE - BARN - SHOP/GARAGE**
**3 BDRM. TENANT MOBILE HOME - 1 ACRE LOT**
**THURS., JAN. 21, 1999**
**Auction 2 P.M.**

**LOCATION:** 451 W Maple Grove Rd (Fivepointville) From intersection of Rts 272 & 897 take Rt 897 South to Fivepointville Turn left onto Maple Grove Rd to property on right or from Rt 625 in Bowmansville take W Maple Grove Rd to property on left Brecknock Twp Lanc Co

Real Estate consists of 3 bdrm all brick 1-1/2 sty house w/eat-in kitchen dining rm living rm & full bsmt Oil hot water heat system Oak hardwood floors on lot well & septic system **SHOP/GARAGE** is insulated & heated frame w/siding bldg 33 x20' w/new roof electric & overhd door **BARN** is frame w/siding 20 x40 bldg w/2 horse stalls, garage & separate water & electric **TENANT MOBILE HOME** is 3 bdrm unit w/living rm , full bath & kitchen Ideal rental unit w/separate sewage system
**NOTE:** Unique opportunity to purchase country property w/rental in-come All bldgs in very good condition All on 1 acre rural lot **8x12 UTILITY BARN TO BE SOLD SEPARATELY.** Terms 10% down auction day balance 60 days Inspection by appointment or open house Sats , Jan 2, 9 & 16 from 1-4 PM For land plotting, financing details call auctioneers at 717-445-4309 or 717-733-1006

Terms by
**JOHN I. & KATIE W. ZIMMERMAN**
717-445-4149
Mark James, Attorney

Auction conducted by
Randal V Kline, Lloyd Kreider
Roy Good, Jr Auctioneers
Lic #2116 #513, #499

KLINE, KREIDER & GOOD
AUCTIONEERS

# FARM EQUIPMENT AUCTION
## FRI., JANUARY 8, 1999
## 9:00 AM

**LOCATED AT A&C DIFFENBACH AUCTION INC., 100 W. JACKSON ST., NEW HOLLAND, PA**

**TRACTORS:** Ford 6640 w/Hyd Fold Flail Mowers, Ford 5000, Case 1076, NH 785 Skid Loader, Ford 3000 w/Loader, MF 6500 Gas Forklift, Leyland 255 On Steel, JD 2020 w/Loader, Ford 8N, And Many Others Not Listed

**FARM EQUIPMENT:** IH 56 4R Corn Planter, JD 7000 Corn Planter w/Dry Fert Att , IH 56 4R Corn Planter, IH 56 2R Corn Planter, JD 1240 4R Corn Planter (Very Nice), Oliver 10' Wheel Disc, JD AWA 12' Disc, AC 20' Field Cult , IH 18 Field Cult-Pull Type, Brillion 4R Danish Tine Cult-3 Pt Pull Type, Int 700 4B Auto-Reset Plow, JD 1450 4B Plow, NI 12A Manure Spreader, IH 55 Chisel Plow 10'-High Clearance, NH 352 Grinder Mixer, Yetter 4R Rotary Hoe, White 508 4B Auto Reset Plow, IH 752 Cutditioner, NH 456 Sickle Mower, Deutz Allis Rotary Hayrake, NH 256 Hayrake, NH 782 Harvester, 12' Brady Stalk Chopper, Deutz-Allis SM 70 RC Disc Bine, Gehl 800 Recutter, Fox Hayhead (Late Model), New 1 & 2 Seat Mennonite Buggies, JD 290 2R Corn Planter, IH 56 4R Corn Planter, AC 18' Field Cult , JD 3BT Trailer Plow, JD 7000 4R Corn Planter, NH 273 Baler, NH 770 Harvester, Hesston 3750 Tedder Rake, JD 7000 4R Liquid Corn Planter, NI 844N Corn Head, Hesston 4600 Baler, JD F325 3 BT Plow, NH 630 Baler, White 348 3 BT Reset Plow, MF 880 4BT Spring Reset Plow, NH 357 Grinder Mixer, JD 4200 3 BT Rollover Plow, Brillion 8' Hyd Transport Packer, Tennet LP Gas Ride On Sweeper, And Many More Items Not Mentioned

**THERE WILL BE AN ABSOLUTE SALE ROW OF EQUIPMENT SOLD AT APPROX. 1:00 PM**

New 8', 10', 12', 14' Hay Racks New 3 Pt Equip & Hudson Trailers for Sale Daily

**ALL ADVERTISED ITEMS SUBJECT TO PRIOR SALE. SOME EQUIPMENT SOLD DAILY.**
**RECEIVING DAYS - MONDAY THRU THURSDAY, DEC. 7 THRU 10 - 7:00 AM TO 5:00 PM**
**NO SMALL ITEMS RECEIVED ON FRIDAY.**
**SALE ORDER**
**9:00 AM - SALE STARTS**
**9:30 AM - LARGE EQUIPMENT**
**12 NOON - FARM TRACTORS**
**12:30 PM - LAWN & GARDEN EQUIPMENT**
**APPROX. 1:00 PM - ABSOLUTE ROW OF EQUIP.**

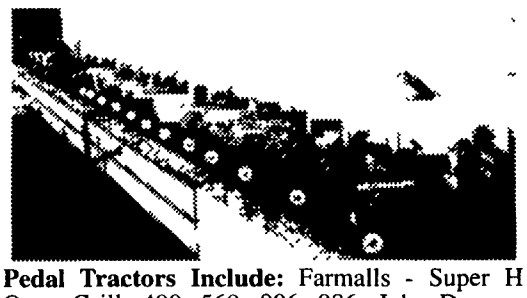
A & C DIFFENBACH AUCTION INC
100 W Jackson St , P O Box 186, New Holland, PA 17557
Phone (717) 355-7253
Fax (717) 355-9547 Alan Diffenbach Auct - AU2258-L

# TOY AUCTION

**400 Pcs - Pedal Tractors**

**After 34 Years of collecting pedal tractors, Mr. Allen Cope of Cope Equipment has decided to sell his collection along with a collection of 400 farm toys...**
**Held at Garner Auction Center 3 Miles SE of Carrollton, OH on SR 43 to Canyon Rd.**

**JANUARY 9, 1999**
**4:30 PM**



**Pedal Tractors Include:** Farmalls - Super H Open Grill; 400, 560; 806; 986; John Deere - Small 60 w/Umbrella; 620, 730; LGT; 4020, 63 Casting; (2) 4020, 65 Casting; 4430; (2) 4440; 4450 Yellow; 4455 In Box; (4) 4020 Roll Bar Safety Kits for Dealer Display; Oliver 1850 Plastic Grill; Case VAC; Ford 8000; Ford TW New In Box; Ford 7740. **1/16th:** AC D19 Toy Farmer NIB; 190XT by Scale Models NIB; 190XT Landhandler w/ROPS; Ford NAA Golden Jubilee NIB; Foxfire Farm Grandpa's Girl NAA Jubilee NIB; NH TR97 1/32nd Combine NIB; Cockshutt 1655 New No Box; Int. 650 w/Barge Wagon New No Box; Farmall 350 New No Box; Case IH 4994, 2594, 2394, 7130, 3294, 7140, 7120, AgriKing, 2390, 1030 NR, "L", 600 Sp. Ed.; Toy Farmer 1985, TF 1990, 400 Diesel Lafayette; Grey Country Classics; 1680 Combine; Hay Baler, Planter; Barge Wagon, 4 Roller Disk, Corn Picker, Plows, Farm Sets; **Ertl Trucks** - Bonnie Hubbard, Central Tractor Farm Center, Shell Rotells T, Bakers Delivers, True Value, Velveeta, Texaco Star; Nylint - GM Fisher Guide, Firestone Radial Express, NAPA Brake Parts, Firestone Steel & Wire, Land O Lakes, Home Foamers; (23) 1/24th Nascar Cars; Ertl 1/18 American Muscle Cars - AC Delco #52, Winn-Dixie #60, STP #43, Interstate Battery #12, Old Milwaukee #27, STP Blue & Red #'s 43; Much More

**Terms: Cash, Good Check w/ID, Credit Cards w/Premium**
**Larry W. Garner Realty & Auctioneers**
**332 S. Lisbon, PO Box 323**
**Carrollton, OH 44615**
**330-627-5573**

# Public Auction of Real Estate

## Quiet South Annville Country Setting

**White Holland Stone Rancher & Steel Horse Barn w/3.15 acres**
**841 Mt. Pleasant Rd., S. Annville Two. Lebanon, Pa.**
**Annville-Cleona School District**

## Wed. January 27th - 5:30 P.M.

**Directions: Rt. 422 W. of Annville South on Mt. Pleasant Rd. approx. 1.3 miles property on right or Rt #322 W. of Leh. Valley Bible Church N. on Mt. Pleasant Rd. approx. 2.3 miles property on left.**

**Real Estate:** All white Holland Stone Rancher (built in 1990 containing approx. 2000 sq ft living area) w/asphalt shingled roof, lg. 10'x48' rear covered cement patio, sm. covered cement front porch, cement sidewalks, mature shrubbery, lg macadam driveway & parking area, detached 40'x60' Lester Steel building w/water & electric, 15' aluminum overhead doors & rear sliding door w/concrete & wooden floor, 4 stalls, wash area, & tackroom, 2 separate pastures w/3 rail vinyl fencing all situated on approx 3.15 acres being 841 Mt Pleasant Rd Lebanon, Pa Containing front hall entrance w/closet, living room & formal dining room (glass sliding door to rear patio) w/gas fired duel view stone fireplace, modern kitchen w/38 handled cherry cupboards, dbl s/s sink & kitchen aid dishwasher, 3 bedrooms w/closets, modern bath w/whirlpool tub & shower, laundry room w/pantry & closet, den w/fireplace, powder room & utility room. Lower level w/L shaped family room, utility room & cold cellar Improvements· Rheem electric heat pump w/elec air cleaner & humidifier, whole house fan, 82 gal hot water heater, 200 amp electric drilled well w/submersible pump, water softener, & private septic

**For more information or inspection of Real Estate phone auctioneer.**
**Terms: 10% down day of sale - balance upon settlement in 60 days or before.**
**Terms & Conditions by order of**
**Carrol E. Kercher - Edward Coyle Atty.**

**Kleinfelter's Auction Service**
**105 Chapel St. Lebanon, PA 17046**
**Phone: 717-272-7078 or 274-5067**
**Clayton, David & Ralph Kleinfelter Auctioneers AU-002057-L**

# PUBLIC SALE

**Well-Kept Farm Equipment, Few Antiques and Household Goods**

## SATURDAY, JANUARY 23, 1999

**9:30 A.M.**

**Located along Rt. 533, seven miles east of Shippensburg, three miles west of Newville. From Interstate 81, Exit #11, take Rt. 233 north to village of Newville, turn left onto Rt. 533 west. Proceed to sale on left. Cumberland County, PA. Watch for yellow sale signs.**

## FIVE TRACTORS - THREE SKID LOADERS - EQUIPMENT

WHITE - 2-155, cab, over-under, turbo, dual hyd., 1000 P.T.O , 3250 HRS. TWO-WHITE 2-85's over-under, dual hyd., and P.T.O.; WHITE 2-60 diesel; OLIVER 77 diesel, hyd. outlets; WHITE front end weights; MILLER PRO 4100 18 ft. forage wagon, roof and tandems; TWO DION 1016 roof forage wagons, one with tandems; BADGER TA-54 forage blower; NEW IDEA 325 2RN corn picker, w/12 roll husker; THREE gravity bin wagons; N.I 36 ft. elevator, electric motor and P.T.O. drive; LITTLE GIANT 28' elevator; WHITE 508 4-18" semimount spring reset plow; BRILLION 12 ft. cultipacker w/4 in axle; CASE 12 ft. 3 pt. field cultivator; GEHL 125 grinder-mixer, hyd. drive, very nice; IH 510 7x16 grain drill w/two grass boxes; FIDELITY 50 K W. alternator, 1000 P.T.O on cart; KATO 12.5 K.W generator 540 P.T.O. on cart; PIGTAIL cord for center pole; N.I. 5 wheel pull type rake; 6 FT. 3 pt. blade; TWO ROW 3 pt. cultivator; BOBCAT 7753 diesel skid loader, TWO BOBCAT 743 diesel skid loader; LARGE material bucket; TWO dirt buckets; FOX 6250 self-propelled harvester, diesel, turbo, hydrostatic, cab, 2300 hrs. - sells with 3RN corn head and 6 ft. hay head; NEW IDEA 5112 12 ft. haybine, center pivot hitch; NEW HOLLAND 316 baler w/thrower; TWO 8'x16' wooden rack wagons; FLAT wagon; N.I. 9900 6RN air corn planter, no-till, dry fert., double frame; GLENCO 11 tooth chisel plow, soil saver, pull type; JOHN DEERE 215 12 ft. disc, rock flex, double offset; CASE IH 4500 18 ft. pull type wing field cultivator; DILLER 4000 gallon tandem axle liquid manure spreader; MARTIN HEDLUND by Gehl S-1674 tandem axle manure spreader; BADCO 30' lagoon manure pump w/fill pipe; N.H 518 two beater manure spreader; FARMCO 7'x20' feeder trailer; CATTLE TRAILER 6'x16' tandem axle-no title;' J.D. KILLEFER 1 tooth subsoiler, as is; SCRAP IRON.

## ANTIQUES - HOUSEHOLD GOODS - TOOLS

Columbia Built boys bike w/knee action fork spring; sausage stuffer; chicken coops; sleds; milk cans; scythe; Brunnerville double furnace; Warm Morning coal stove; two-wood stoves; Maytag square tub wringer washer; Maytag portable dishwasher; cedar wardrobe; Troy Bilt econo-horse tiller; wheelbarrow; fiberglass feed cart; water trough; Lincoln 225 Amp. welder; table model drill press; floor jack; 9 in. Black and Decker portable grinder; rebuilt 5 hp motor; 16 ft heavy log chain; plus more farm related items.

SALE ORDER· Household Goods, antiques, tools, farm equipment. Come early, small items won't take long.

NOTE. If you are looking for good equipment. don't miss this sale **Terms are cash or good check with proper ID. Out of state checks need current bank credit letter at auction or Fax prior to 717-776-7069.**

**Auctioneers:**
**Andrew Martin 717-532-5382**
**Nevin Martin AU-1078L**

**Sale For:**
**ABRAM M AND IRENE WEAVER**
**717-776-3348**

**Lunch Served. Not Responsible for Accidents**

# Public Auction Register

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SUN JAN 17-10AM, New & used Flurniture, Household, tools Rt 119 to Callatine Ave Exit, Turn W on Bute Rd, 2 Miles to sign ,Quarrick Auct

SUN JAN 17-8 30AM, Leesport Farmer Market, Rt 61 Leesport, PA, Toy Show, Gallagher Auct

MON, JAN 18 - Antique Auction, Consignments being accepted *Murry Auction Emporium*, 23 N Water St, Lititz, Pa Elmer Murry Auctions, Inc

MON, JAN 18 - Reall Estate/Properties, 819 & 825 Laushtown Rd, Brecknock Twp Lavina E Redcay Aaron E Martin, Auct

TUES JAN 19 - 9 AM Quilt, crfat & buggy A&C Diffenbach Auction Inc

TUES JAN 19 Fat Cattle Sales Carlisle Livestock Market 848 Alexander Springs Rd, Carlisle, Pa

TUES JAN 19-10AM (ILL Time)11Am (IN Time)Located 12 Miles N to Danville, IL On Sr 1, Or 1 Mile S of Rossville, IL on SR 1 Terms By Grover Johnson, Farm Equip, Schrader Real Estate & Auction Co

WED JAN 20 - Farm equip & horses Horseshoe Rd For John Esh Mel Hoover, Auct

WED JAN 20 9AM Quilt & Craft A&C Diffenbach Auction, Inc

THURS JAN 21-2PM 1 1/2 Sty Brick 3 Bdrm House-Barn Shop/Garage 3Bdrm Tenant Moblie home 1 Acre Lot, Terms By John&Katie Zimmerman 451 W Maple Grove Rd Brecknock Twp, Lancaster PA Roy Good Auct

THURS JAN 21 - Georgetown Rd Strasburg Hannah Fisher Farm equip mules, crops & shop equip Mel Hoover, Auct

FRI JAN 22 - 10AM Horse Sale New Holland Sales Stables Inc, 101 W Fulton St, New Holland Pa

## PUBLIC AUCTION

A portion of the Selinsgrove State Farm will be sold at public auction in Early Spring 1999. Sale will be of three (3) parcels: (1) 93.94 acres of Farm land; (2) 123.97 acres of land and a Residence and Dairy complex; (3) 100.13 acres of land with sheds and barns. Parcels are located North of Old Colony Road on Selinsgrove Center, Penn Township, Snyder County.

**For more information contact Lloyd Colegrove at (717) 787-4394 ext. 3113.**

## Hummel Auction

**340+ Hummels At Auction!**
**The Collection of Paul & Carolyn Baker**
**Of Pittsburgh, PA**

**Sat., Jan. 16, 1999 At 12 Noon**
**(Preview at 10:00 a.m.)**
**Long Green Volunteer Fire Company**
**Long Green, Baltimore County, MD 21092**

Selling RARE 322 Little Pharmacist w/Rizinusol on bottle-Recipe on Paper, (5) Master Painter-signed pcs., Lg. Umbrella Boy & Girl, Adventure Bound, Ring Around The Rosie, Crossroads, 170/1 School Boys, 88/1 Heavenly Protection, 71 Stormy Weather, 28/111 Wayside Devotion, 10/111 Flower Madonna, St George, The Mail is Here, Desert Storm Volunteers, Hummel Miniatures, Jubilee, Chapel Time Clock, Pleasant Journey, Call To Worship Clock, harmony In Four Parts, Let's Tell The World, We Wish You The Best, 1st & Closed Eds, 71 Plate w/box & Others, bells, Collector's Club, Goose Girl Doll & More!

TERMS: Cash, Established/Known Check Only, Guaranteed Funds, VISA/MC. 5% Buyer's Premium 5% MD State Sales Tax Unless MD Tax Exempt# presented. 3% Admin. Fee on VISA/MC Charges. Absentee Bids Accepted w/VISA/MC Guarantee in writing or by fax. Fax is (410) 692-6499 Good Food served by Fire Co. Call Auction office for detailed catalogue w/directions & terms. From I-695, take Exit 27B (RT146N-Dulaney Valley Rd), bear to R after crossing reservoir, bear L at Peerce's Plantation, R at 2nd road on R (Long Green Rd) to Firehouse.

**Isennock Auction** 410-557-8052 White Hall, MD 21161

## *"Horst Auction Center"*
## PUBLIC SALE

**Antiques, Household Goods, Collectibles & Tools**
**Wed., Jan. 6, 1999 At 2 P.M.**

**Sale to be held at the Horst Auction Center, located at the corner of Rt. 322 & Durlach Rd. (Approx. 2 1/2 miles west of Ephrata), Ephrata, Lancaster Co., PA.**

**FURNITURE:** Pine Wood Chest, Walnut Dropleaf Table, Spool Bed & One Drawer Stand,Open Washtand, Victorian Dresser, Cottage Washstand, Windsor Arm Chairs, **Mahogany - Fine 9 Pc. Dining Room Suite;** Doctors Cabinet, **Gov. Winthrop Desk;** Lampstand, Fainting Couch, Mission Oak Bookcase, Library Table, Antique High Chair, Cedar Chest, Cherry Dresser, Maple Slant Desk, **Modern Oak** - Rolltop Desk, Dropleaf Table, Hall Rack, Butcher Block Table, Hide-A-Bed & Love Seat, Fine Colonial Sofa, Snuggler Lounge Chair, Recliner, Braddington Upholstered Chair, Fine Set of Twin Beds, Box Spring & Mattress

**APPLIANCES:** Freezer, Air Conditioners, Microwave, Dehumidifier, Color TV's, VCR, Canon Wood Processor, Cookware, Lamps, Pr Capidomonte Lamps, **Seth Thomas Mantle Clock;** Flatware Set, Copper Wash Boiler, Punched Tin

**CHINA & GLASSWARE:** Fine 7 Pc Washbowl & Pitcher Set, Transfer Teapot, Ironstone Pitcher, Teapots & Pitchers, Fiesta, Artichoke, Chocolate Pot, Oriental Tea Set, Bone China, Haviland Limoge, Collector Plates, Rockwell Figurines,Umbrella Stand, Art Pottery, Pressed & Pattern Glass, Souvenir Glass, Depression Glass,

**LINENS:** Comforter, Fancywork, Oriental Stair Runner, oriental Room & Throw Rugs, Wool Rug, **Artwork - Lg. Original Jay McVey Painting;** Original Watercolor, Lg. Painting of Lighthouse, Fox Hunting Print, Many Prints, Needlepoint Pictures

**TOOLS:** Stanley Plane, Hand Tools, Animal Cages, (2) 10 Speed Bikes

**No Out Of State Checks Unless Accompanied By A Current Bank Letter Or Prior Arrangement With Auction Service.**

**HORST AUCTS.**
T. Glenn
Timothy G.
Thomas A.
AU438L
(717)-859-1331 • (717) 738-3080
Fax # (717) 738-2132
*"VOICES OF EXPERIENCE"*

## Consignment Auction

**WINROSS, ERTL, HESS TRUCKS, FARM TRACTORS & MISC. TOYS & LIONEL TRAIN SET W/BUILDINGS**
**Wed. Jan. 6, 1999 - 6:30 PM**
LOCATED AT. A & C. DIFFENBACH AUCTION, INC.
100 W. JACKSON ST, NEW HOLLAND, PA 17557
**AUCTION HELD 1ST WEDNESDAY OF EVERY MONTH**
**Consignments Welcome!**
**Call (717) 355-7253**
**Receiving Time - Mon Thru Fri.**
**8:00 AM To 4:00 PM At The Auction Center**
**TRUCK SALE WILL BEGIN AT 6:30 PM**
A. & C. DIFFENBACH AUCTION INC.
100 W. Jackson St, Box 186
New Holland, PA 17557
Phone: (717) 355-7253
Fax: (717) 355-9547 Alan Diffenbach Auct. - AU2258-L

## Public Sale

**Antiques, Furniture, Collectibles, Glassware**
**H.H. Goods**
**To Be Held At FLORIN FIRE HALL**
**130 N. Market Ave., Mt. Joy, PA.**

**Sat., Jan. 9, 1999, 8:30 A.M.**

Walnut farm table, oak china closet, oak icebox, marble top table, blanket chest, oak child's desk, kitchen cabinet, Larkin desk, washstand, 6 pc. D.R.suite, 4 pc. suite, windsor-style chairs, lamp tables, wicker baby buggy, mechanical "Stump Speaker" bank, Popeye spinach patrol & other cast iron toys, tin toys & other items, cast iron doorstops, Mt. Joy & Elizabethtown coverlets, quilts, Rayo lights, lanterns, brass bells, postcards, marbles, children's books, Wallace Nutting prints, wood planes, Hull, carnival, Mary Gregory, Shirley Temple creamer, depression, lg. amount pressed & pattern glass, sugar shakers, German, Bavarian, pocket watches, costume jewelry, linens, tools, and many other items too numerous to mention.

**Sale By: Catherine Lokey Estate**
**Harold "Abe" Shaffner Auction Service**
**Auctioneers:**
**Harold "Abe"Shaffner 829-L 717-653-5689**
**Marty Fleck 717-367-9672**
**Food Stand**

## Farm Machinery & Some Household Goods

**Saturday, January 9, 1999**
**9:00 a.m. Sharp!!!**
**Selling for the Estate of Edna Havens,**
**118 North Main St., New Egypt, NJ 08533.**

Table w/4 chairs, microwave, dresser w/mirror, odd dressers, wardrobe, pictures, old stand, fake fireplace, drop front desk, plank bottom chairs, old trunks, treadle sewing machine, cranbury scoop, crocks, lanterns, bill picks, Shop vac 2-old outboard motors ( 1 Johnson); lot old hand tools,lot block planes, old glass insulators, old scales, old mason jars; sm potbelly stove, lot old harness, old harness; old sleds, 1 horse wagon, lighted sign, 2 - drag scoops, iron wheels; 1 horse plow, wooden wagon running gear, two man saw, bag trucks, grindstone; wagon jack, platform scale; pipe vise, chicken crates; 2 - Agstar hog feeders; horse drawn farm wagon; wheel barrow grass seeder, 1 hole corn sheller cast iron bath tubs; flail chopper; Kuhn hay kicker, old dump rake, hay fluffer; 2 wheel trailer; Holland 1 row transplanter; NH 68 baler, JD 2A hay fluffer; INT 14 hay rake; old storage trailer, Ranson bobcat mower; NH M66 baler w/2 cyc Wisc. motor; 1953 Ford Jubilde tractor, 1979 Ford Farmont station wagon Miscellaneous articles too numerous to mention.

**Seller or Auctioneer are not responsible for theft, injury or accident of any kind on sale premises. All articles sold "AS IS - WHERE IS."**

**Lunch will be available on premises.**
**TERMS: CASH OR GOOD CHECK**
**L. Parker Sales Inc. (609) 758-8603 (daytime)**
**Lee Parker, Auctioneer (609) 723-2010 (nights)**

## AUCTION!

***~ ~ ~ HAPPY NEW YEAR! ~ ~ ~***

**10 AM WEDNESDAY, JANUARY 6th**
**TOOLS ★ FURNISHINGS ★ COLLECTIBLES**
**at the Ridge Fire Co., along Rte. 23 between Rte. 100 and Phoenixville, PA.**

Maple Hutch Maple Dining Tables and Chairs Cedar Chest Trunks Tempus Firgit Grandfathers Clock Depression Bedroom Furniture 1950s Lamps Peter Marx Litho 218/300 Calder Miro Vasarely and Other Modern Prints and Posters Len Garon Nude 182/200 Marie Laurencin Print Picasso Figures Gorham Sterling Candelabra Lalique and Arabia Crystal Stemware and Barware Fancy Lamps Mirrors and Frames German and other Cameras Oil Lamps Box of Misc Wind Up Toys Penny and Dime Banks Bugs Bunny Game Big Bang Cannons Later Cast Iron Santa With Reindeer and Other Horse Drawn Carriages etc Cap Pistols Salt and Pepper Shakers Incl Mammy and Mr Peanut RR Lanterns Cobalt Eye Cups Advertising Pin Backs, Bottle Openers Harmonicas, Cigarette Lighters and Pocket Knives Small Brass Telescope Brass Bound Rules and Gauges Forstoria Americana Stemware Green Depression Biscuit Jar Steins Customatic Gruen & Hamilton Wrist Watches

**TOOLS!!** Guys if Santa failed to deliver the goods at Christmas you re in luck! Plenty of like-new, hardly ever used high-quality tools from the Estate of Ronald J Williams of Bechtelsville PA 10 in Craftsman Radial Saw 14 in AMT Band Saw Craftsman Table Router/Shaper Craftsman 12 Speed Drill Press Bench Grinder Craftsman 2 Section Drawer Set AMT Planer/Joiner Delta Model 10 Contractor s Saw Ryobi Planer Miller Thunderbolt 225 Welder Central Pneumatic Ratchet Set Never Used Craftsman (Mondo) Socket Set 3/4 Drive Up To 2 3/8 Sockets Pneumatic Bostitch Floor Stapler CPI Air Hammer Spot Welders Craftsman Torque Wrench Remmington Stud Driver 480 Milwaukee HD Hammer Drill Bosch Cordless Drill Driver 3610 Craftsman Industrial Worm Drive Saw B&D 3 5/8 Planer Craftsman 4 in Ind Sander and Elec Nailer Bosch Router and Jigsaw Porter Cable Drill Wagner Power Paint Sprayer Craftsman 1/2 in Impact Wrench and Hand Tools, Wrenches Lg Socket Sets, Punches & Drifts Blades & Bits Freud Professional Chisel Set Saws-All & Craftsman Router 1/2 in Impact Wrench Sander Makita Cordless Circular Saw Wrenches, Clamps Pipe Cutters 8 Planers, Furniture Clamps Pet Groomer Hand-Held Automotive Compression & Battery Tester Craftsman Buffer and Polisher Come-Alongs 2 1/4 Ton Floor jack Acetylene Torch Tanks Hose Wheelbarrow Porcelain Double Faucet Sink Stanley "Handy-Man" and Other Tool Boxes Benzomatic Fogger Craft Tools Elec Stapler & Nailer Kit, Wen Hobby Center Kit, Paint Remover Tons of Brand new Hardware High Quality HD Cords and Other Supplies & Accessories

**Tools to be sold at 10 30 A M Cash or Good PA Check w/Picture ID Directions From PA Turnpike Exit 23 (Downingtown), N on Rte 100 to Route 23 East 3 Miles to Fire Hall

**A 10% BUYER'S PREMIUM WILL APPLY**
**KATHY MAURER AUCTIONEER & GEMOLOGIST**
**Call 610-970-7588 for info. (AU003-006-L)**

## PUBLIC AUCTION

**SAT., JAN. 30, 1999**
**GOING OUT OF BUSINESS SALE**
**FOR J.L.Y. REPAIR SHOP**
**In Mechanicsville, Maryland**

**9:00 AM** **9:00 AM**

**DIRECTIONS: Take Route 5 South of Waldorf to 236 turn right go to Dixie Lyon Rd. turn right to sale on left.**

### SHOP EQUIPMENT

Woodmiser Model L.T. 30 Band Saw, Streine Shears Serial #2159 Cuts 6 ft. Long 1/4 in. Thick, New Beverly # B3 Hand Shears, Sheet Metal Roller 3 in. Rollers 4 ft. Long, Hand Crank Roller 3 in. Rollers 8 in. Wide, 2 - 500 Amp Hobart Double Welder Pipeliner Flexwire CC or CV, 400 Amp Hobart Welder Belt Drive, Model SAE 300 Lincoln Welder, Small Gas Powered Welder MOSA, Sibley Drill Press with Power Feed, Nissan Diesels 4 Cylinder, Several Chain Hoists, Hossfield Bender on Stand with Some Dies, 4 Ton Chain Hoist, No O Buffalo Universal Iron Worker with New Bar Blades Mechanical, V60D Wisconsin Engine with Rockford Hand Clutch (Very Good Condition), Lister Diesel Slow Speed Water Cooled, Several I Beams from 24 to 40 ft. Long, Used Compressor, 2 - 250 Gal. Air Tanks, 375 Gal. Air Tank, Gas Powered Lawn Mower Blade Sharpener,

Approx. 20 - 5 HP Endro - Tecumseh Engines
100 New and Used Chain Saws
Approx 30 New Weed Eaters

### MISC. ITEMS

Torch Set, Hand Tools, Used Push Power Mowers, New Batteries, Conduct Benders, Small Engines - New & Used, Chain Saw Accessories, Bar and Chain Oil, Misc. Steel Pipe, Bolts, Nuts, Threaded Rod, Pulleys, Bearings, Belts, Log Chain, Air Tools,
New D & S Stainless Steel Canner Furnace
Ridgid Pipe Threaders, Welding Cable, Stainless Steel Water Tanks, Approx. 100 Doz. Gloves, many, many more items too numerous to mention. This is a going out of business auction.

**Terms by**
**JACOB L. & GERTRUDE YODER**
**37045 DIXIE LYON RD.**
**MECHANICSVILLE, MD. 20659**

**All Advertised Items Subject to Prior Sale.**
**Cash or Honorable PA and MD Checks Only**
**All Announcements Sale Day Take Precedence Over All Advertising.**
**Not Responsible for Accidents**
**Food on Premises**

**Auctioneer: Mel Hoover**
**AU-003111-L**
**717-354-8397 Home or 717-354-6431 Barn**

## Public Auction Register

**Closing Date Monday 5:00 P.M.**
**of each week's publication**
**Internet Sale Register will be updated**
**every Sat. at 2:23 P.M.**

FRI JAN 22 - 10AM Located in Mifflin Co 1/2 mile S of Reedsville, Pa on Rt 655 2 JD tractors, farm machinery, hay and some HH goods John and Mary Ann Smucker Mark Glick, auct

FRI, JAN 22 - 1PM State Graded Feeder Pigs Carlisle Livestock Market SAT JAN 23-11 00AM, 7 Miles S of Chestertown, MD, Rock Hall Rd, Terms by Frank Dierker, Tractors, Trucks, Combine, Farm Equip, C T Scuse & Sons Auct

SAT JAN 23-10 00 Horse Sale, 834 Wallace Rd New Holland PA, Mel hoover Auct

SAT JAN 23 - Farm Equipment, and related items for Abram M and Irene Weaver, 250 Nealy Rd, Newville, Pa Andrew & Nevin Martin, Aucts 717-532-5382

SAT, JAN 23 -8AM Public sale of private collection of antiques, china and primitives located at 6 Pine St Mt Joy, Pa Witman Aucts

SAT JAN 23-10 00AM Public Sale, Antique, Collectible& Modern Firearms Hunting & Fishing Equip & Accessories Horst Quction Center, located at the corner of Rt 322& Durlach Rd Ephrata, Lancaster, PA

SAT JAN23-9 00AM, terms By Frank Felty, Excess Inventory of New Auto Parts, Equip, New Tires, Lighting Supplies Felty's Sunoco, Rt 183 at the junction of Rt 61 next to Cressona Mall, Cressona, PA, Russell S Wolfe Jr Auctioneer

SAT JAN 23-9 30AM,9801 Hansonville Rd (Off Rt. 15) Frederick MD, Crawler Loader & Dozer, HYD Excavator & Backhoe, Skidloaders&WheelLoader, Paver&Arrow Board& Screener, Forklifts ,Much more, Wolfe Industrial Auctions

WED JAN 27 - John Fisher 453 Maple Shade Rd, Kirkwood, Farm Equipment & Horses 354-6431 Mel Hoover

WEDS JAN 27-9 00AM Beiler Farm Dispersal, Horse Drawn Farm Machinery, 6 work horses, 2 mules, holstein dairy heifers, etc on farm 3 miles E of Washingtonville, PA Owners, Jonas & Rebecca Beiler, Conducted by Fraley Auct

WEN JAN 27-5 30PM Public Auction of Real lEstate, White Holland Stoen Rancher & Steel Horse Barn 3 15 acres 841 Mt Pleasant Rd, S Annville Twp, Lebanon, PA, Terms By carrol E Kercher, Kleinfelter's Auct

THURS JAN 28 - Valley Rd, Quarryville, Pa Elam & Sadie King 14 Head Belgium Horses, Bred Mares & Geldings Home raised from 4 yr old to smooth mouth 70 head Holstein Herd good production & type, full line of late Farm Machinery shed kept Petersheim, aucts

FRI JAN 29-10AM Farm Machinery-Tractors Personal property From Blue Ball RT 322W Approx 1 5mi turn right at Clouse Trucking onto Clouse Ln to farm Terms by Ammon M Shirk Auctioneer Randal Kline, Lloyd Kreider &Roy Good

FRI JAN 29 - 5 PM New York Conventional ET Sale, Hotel Syracuse, Syracuse, NY The Cattle Exchange

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## Kempton Community Center
## Kempton, PA

## Seasons Greetings To All
## 36th Annual Sale
## Saturday March 20, 1999

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## PUBLIC AUCTION
**Wed., January 20, 1999**
**Draft Horses, Crops, Milking & Farm Equipment**

9:00 A.M. 9:00 A.M.

**Directions: From Intercourse, take 340 West to Horseshoe Rd., turn right to sale on left or from New Holland, take 23 West to Horseshoe Rd. Turn left to 1st farm after Hellers Church on right!**

**8 HD DRAFT HORSES 8 HD**

| | | |
|---|---|---|
| Peggy Patty | > | Pr 4 & 5 Yr Olds Full Sisters |
| Harry | | 7 Yr Old Gelding |
| Betsy | | 7 Yr Old Mare |
| Cherrly | | 11 Yr Old Mare |
| Dutch | | 12 Yr Old Gray Percheron Gelding |
| Jason | | 13 Yr Old Gray Percheron Stud |
| Pearl | | Coming 2 Yr Old Crossbred Mare |

**HORSE RELATED ITEMS**

9 Sets Front Gears, 9 Bridles, 15 Collars, 3 Sets Check Lines, Jockey Sticks, 1, 2, 3, 4, 5, 6, 7 & 8 Horse Hitches, 4 Set Rope & Pulleys For Tandem Hitch

**MILK HOUSE SUPPLIES**

DeLaval Vacuum Pump, 4 - DeLaval DV300 Milkers With 55 Lb. Buckets, 65 Lb. Milker Bucket, 2 Milk Strainers, Carrying Buckets, 6 Stall Calf Hutch, Silage Cart, Grain Cart, Smucker Lime Spreader, L P 40 Gal Hot Water Heater, Fanco Belge Coal Stove

**CROPS CROPS**

Approx 3000 Bale 1st, 2nd, 3rd & 4th Cutting Alfalfa & Grass Mixed, 2700 Bale Corn Fodder, Approx 125 Ton Ear Corn, Approx. 400 Ton Corn Silage.

**FARM EQUIPMENT**

806 International Diesel Tractor On Steel (good condition)

770 New Holland Harvestor With Long Table, New Holland 353 Grinder Mixer (good condition), 3 Row Maxi Merge Corn Planter With No-Till & Dry Fertilizer Used 2 Seasons

Pequea Tedder (good condition), 256 New Holland Rol-A-Bar Rake (good condition),

New Holland 311 Baler With 2 Cylinder Wisconsin Engine (good condition)

Pequea Manure Spreader With Tailgate (good condition), 32 ft Zimmerman Elevator With Hydraulic Motor and 80 ft of Hose good condition, 18 ft Flat Wagon, 2 - 16 ft. Flat Wagons With Corn Chute & Corn Sides, Smucker 6 ft Roto Beater, 1 Row Iva Mfg Cultivator (good condition), Tandem Axle McCormick Deeering 1 Row Corn Binder With Long Loader and Hydraulic Drive Motor, Corn Drag New Idea 1-Row Transplanter, 16 in 1-Bottom Trailer Plow, Oliver 2-Bottom 14 in Trailer Plow, 2 Auto Turn Fore Carts, 12 ft Harrow, 12 ft. Cultipacker, 8 ft Disc, 9 ft Cultipacker, 30 ft. Feeder Wagon,

New Idea Crimper With Smucker Rolls (good condition)

New Idea 323 1-Row Picker, Broyhill Sprayer With 7 H P Honda Engine and 28 ft Booms & 200 Gal Tank (good condition), 10A New Idea Manure Spreader, New Holland 55 Mower, 6 ft Roller Harrow, Model B125 4 Cylinder Allis Chalmers Engine With 4 To 1 Clutch Reduction, 7 ft 3 Point Scraper Blade, 3 Point Round Bale Carrier, 8 ft to 18 ft Gates, 150 Gal Rubbermaid Water Trough, Hydraulic Unit With 11 H P Honda Engine and William 10 G P M Pump, Minnich Tobacco Press, 3 Compartment Tobacco Press With Air Cylinder, 6000 Tobacco Lath, 10 Lath Lath Holder

Terms by **John L. & Rachel L. Esh**
**2469 Horseshoe Rd., Lancaster, PA 17601**

**All Announcements Sale Day Take Precedence Over All Advertising**
**Not Responsible for Accidents**
**Food on Premises**
**Auctioneer: Mel Hoover**
**AU-003111-L**
**717-354-8397 Home or 717-354-6431 Barn**

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## FARM MACHINERY AUCTION
**For Clyde & Craig Miller**
## SAT., JAN. 9th at 9:00 AM

**LOCATED:** From Airville, York Co. South approx. 8 miles to Delta Family Restaurant, T/L towards Delta, first left on Lay Rd., go to Flintville, T/R, go to Burke Rd., T/L, first farm on left, signs posted. Peach Bottom Twp., York Co. Street Map Page 55, Section A-7.

Having sold the farm will sell the following at Auction: 4020 JD tractor W/F diesel late model side console new seat 9,262 Hrs. bought new; Case 730 W/F diesel; Case 580 loader diesel W/F, also with manure fork, needs some work; Hesston 5530 round baler; Gehl 120 mix all, needs work; 3 bin wagons; 2 iron rail hay wagons; 2 JD chuck wagons; AC #600 4 row corn planter, air type; IH 550 manure spreader; also a 450 for parts; 6 ft. rotary mower; IH chisel plow 9 tooth; 10 ft. transport disk; IH 56 silage blower and 2 for parts; IH #10 grain drill; NH #718 2-row chopper, also has grass head; JD #125 5 bottom plow; JD 3 pt. 3 bottom plow; 2 bottom pull type plow; 3 pt. workers; 20 ft. grain elevator, also small corn elevator; semi-mt. 4 bottom plow; 14 ft. Brillion wheel type harrow; 14 ft. JD disk #EH1B1; New fork for 660 Bobcat; JD running gear; New Idea #310 1 row corn picker; 2 pt. spear and fork for round bales; JD scrapper blade; hay rack; grain fan; post driver; 2 hole corn sheller; tractor chains; small around the farm items; approx. 1,000 bales of Barley, straw and 1,000 bales of mixed hay, Loader tractor available. Plan to remove farm equipment, etc. ASAP. new owner taking over farm. iron piles and parts machinery.

**Be on time, not a lot of smalls.**
**SNOW DATE - MON., JAN. 11 at 9:00am**
**TERMS:** Full Payment Auction Day. Inspection Day Before Auction.

**Owners Ph: 717-456-6115**
Food Available Auction Day.
**Brad Smith, CAI Auctioneer**
**Lic. #860-L Ph: 717-927-6949**

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## ABSOLUTE JOHN DEERE CONSIGNMENT SALE
## SAT., JANUARY 16, 1999
**@ 9:00 AM**

**LOCATION: Winterstown Fire Hall, Winterstown borough, southern York Co., PA, Approx. 3 1/2 mi. South of Red Lion, Pa, along Rt. 24.**

JD NOs pto tire pump in orig. box w/orig book, 1997 pewter Christman ornament, Neuhaus'es banks, 3rd generation pedal tractor, Pathfinder w/disc, marbles, belt buckles, 4-leg deer cans, blue oil cans, oil can w/raised letters on top, many wrenches, local & other adv. items, yardsticks, paint gun, brass carb for D #AD107R w/water feed valve, Industrial toys, Master parts index on microfish, 7600 pedal tractor & wagon. Literature: lawn & garden, bicycle, snowmobile, colored tractor/implement. Manuals, parts books, bench vise, tire gauge, pocket knife, parts boxes, window thermometer, posters, Millers Sales & Service glass desk top, Neuhaus'es Inc. Winross trucks, remote control tractor, many Operation, Care & Repair of Farm Machinery books, literature racks, NOS 1A pole booms, NOS D fuel tank, whl. wrenches, plow clevices, 2-leg deer oil can, G factory round spoke rear wheel-mint, tape measure, pens, pencils. NOS PARTS: pull type combine- pulleys, sieves, sprockets, rasp bars, 114W/116W & other baler parts, 24B/25B fert. boxes w/hardware, potato diggers, horse mowers, sickle bar mowers, disk harrows, spring tooth harrows, corn planters, drills, cultivators, binders, rakes, corn pickers, manure spreaders, pto shields--NOS parts are from early 1920's thru early 1970's. Snowmobile parts, pto tire pump, chain tool, many toys -some collector edition, some implements.

INSPECTION OF ITEMS: Friday, Jan. 15 from 5-9 p.m.

**TERMS: Cash, travelers check, local checks only. NO out of state checks unless known by auctioneers.**

**AUCTIONEERS:**
**Rick Foreman Lic. 1163L**
**Ralph Brenneman Lic. 708L**
**717-757-5130, 741-1728**
Refreshments Served. Owners & Auctioneers Not Responsible For Accidents.

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## ABSOLUTE PUBLIC AUCTION
**Excess Inventory Of**
**New Auto Parts-Equipment-New Tires**
**Lighting Supplies**
## Sat., Jan. 23, 1999 9:00 AM
## FELTY'S SUNOCO
**Rt. 183 & 61, Cressona, PA**

**DIRECTIONS:** Felty's Sunoco is located on Rt. 183 at the junction of Rt. 61 next to the Cressona Mall.

**NEW AUTO PARTS:** Fuel pumps, air filters, master cylinders, starters, generators, ignition parts, radiator hoses, shock absorbers, ball joints, water pumps, innertubes, motor mounts, wheel cylinders, mufflers & exhaust pipes, brake lining, suspension parts, **new light truck & passenger tires,** chains, spark plug wire sets, motor oil, 55 gallon drums of grease, Used Heavy Truck tires and more **(parts fit autos back to the 1960's possibly earlier)**

**SHOP EQUIPMENT & MISC:** Coats elec. Tire balancer, Coasts 40-40A tire machine, **AC Delco tune-up machine,** HD Floor jack, barrel pumps, **large assortment of Dual Mechanical gas pumps, Snap-on alt. & battery tester,** Strut remover, Transmission jack, Four seasons R-12 A/C charger machine, grease guns, propane furnace, shelving & tire racks, tubeless truck tire inflator, Branick Tire spreader, **15 Cent Pepsi machine, The following new Lighting supplies; 20 assorted fixtures & chandeliers, 25 assorted outdoor lanterns and 70 vanity lights.**

**AUCTIONEERS NOTE:** Plan to attend this Sale. Auction will be held inside the warehouse. This is an absolute auction, No Reserves! **Cash Or PA Check Only** (with bank letter of credit unless known to Auctioneer) No Out of State checks accepted

**SALE FOR:** Frank Felty (Felty's Sunoco)
**Lunch Available**
**Auction Conducted By:**
***Russell S. Wolfe Jr.***
**Auctioneer-Appraiser-Realtor**
**345 Birch Rd.**
**Lebanon, PA 17042**
**(717) 274-2073**
**PA License AU-002636-L**
**E-mail: RWOLFE1@NBN.NET**
**Visit us on the Internet: www.PaAuction.com**

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## PUBLIC AUCTION
**FISHER DISPERSAL**

**Farm Sold - Moving to Wisc. Prompts this Sale.**
**Farm Machinery, 20 Holstein Dairy Cows, dairy equipment, some household items, etc. on farm 2 miles E of Loganton, PA. just off Rt. 880 (SUGAR VALLEY).**

## Fri., Jan. 8, 1999 10:00 A.M.
**FARM MACHINERY, HARNESS, WAGON ITEMS, ETC.**

NH 456 grass mower w/Kawaski gas engine, JD 336 baler w/Honda 20 hp gas engine, NH 256 rake, White Horse 2 way hyd plow, JD 24 disc, 9' harrow, Brillion 9' single cultipacker, JD 999 Corn planter w/fertilizer attach, JD 2 horse cultivator, 150 gal hi wheel sprayer w/new tank & pump last yr, ELI 600 gal liquid manure spreader, 16' manure pit elevator, Papec silage cutter, 2 -16' farm wagons, Autoturn cart, other forecast, Syracuse L H Walking plow, spike harrow, 250 gal diesel tank, 250 gal gas tanks w/pump, wood hog feeders, metal fence posts, **2500 lineal ft. tongue & grooved boards,** quantity of used tin, cement wire, vinyl spouting, Alum corners & roof cap, Insulation, **15-30' roof trusses (2x4's w/2x6 btms);** 200' 3/4" plastic water line, Gallager battery fencer, new elevator slates & links, Campbell-Hausfield sand blaster cleaning & spray gun, air hose, wood gates, barb wire, 40' wood ext ladder, cement, blasting sand, roll door track, lawn roller, Alum storm door, siding pieces, baler twine, 20 treated fence posts, landscape & locust posts, gas weedwacker, just new, JD bug boxes, 6" silo pipe, 9" gooseneck, Solo hand sprayer, quantity of scrap, wagon load small items, etc etc

**approx 2000 board ft. 5/4 new cut walnut & some cherry lumber.**

**HARNESSES:** 6 sets work harness, wagon tongues, yokes, 2 horse hitches, 4 horse tandem hitch, 2 nylon check lines, halters, etc etc

**DAIRY EQUIPMENT**

Lister 2 cyl diesel, Utah vacuum pump, cooling compressor, 8' line shaft, 4 Bou-a-matic Flow Star milker claws & shells - used 10 mths, Westfaliia 4 unit miler washer, wash vats, gas water heater, cow kickers, Hi-tensile fence wire, other fence wire, drinking bows, ETC ETC

**SOME HOUSE ITEMS:** Lazy Boy, 2 rockers, 2 Lime seeders, crib, 23 old Green pt qt & 2 qt jars, **original 1863 Battle of Gettysburg Paper by Civil Wartime's Extra.** other smaller items

**20 HOLSTEIN DAIRY COWS 20**

20 milking age animal - 6 Canadians all Sired by a Regency of Lilac Son 3 Due Feb 5 Due March, 1 Fresh in Dec 2 Fresh in Sept balance all stages 2 Open heifers Mr Fisher's herd is 40 head he is taking 20 cows with him to Wisc These are good cows, not just culls Preg checked

**SALE ORDER:** Starting wagon items, house items, Farm Machinery Dairy Equipment Dairy Cattle, etc

**Terms:** Cash or Good PA check day of sale No out of state checks

Owners, **David L. & Linda F. Fisher**
**RR1 Box 257**

**Conducted By**
**Fraley Auction Co.**
**1515 Kepner Hill Road, Muncy, PA #RY71L**
**(717) 546-6907**

# Public Auction Register

**Closing Date Monday 5:00 P.M.**

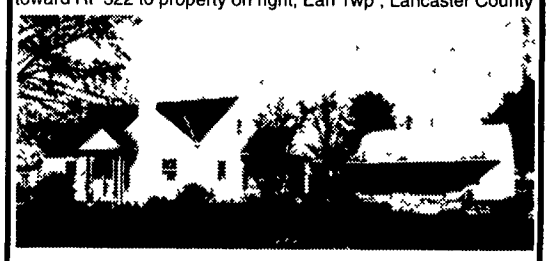
**of each week's publication**

**Internet Sale Register will be updated**

**every Sat. at 2:23 P.M.**

## PUBLIC AUCTION
### VALUABLE REAL ESTATE
### 1-1/2 STY. HOUSE - BARN/GARAGE
### 6/10 ACRE LOT - EARL TWP.
### FRI., JAN. 15, 1999
### Auction Time 2 PM

**LOCATION:** 513 N Railroad Ave , New Holland From Ephrata Rt 322 East through Hinkletown At Ephrata National Bank turn right onto N Railroad Ave, go approx 1-1/2 mi to property on left Or from Main St in New Holland take North Railroad Ave toward Rt 322 to property on right, Earl Twp , Lancaster County



Real Estate consists of 1-1/2 sty frame w/alum siding dwelling w/3 bedrms , full bath, kitchen w/wood stain cabinets & corner cupboard family rm & living rm Full basement, oil hot water heat system **BARN/GARAGE** is masonry & frame bldg 24'x34' w/2 Overhead doors & horse stall Large country 6/10 acre lot

**NOTE:** Rural country property with on lot well & septic Plenty of lawn & garden area Convenient Earl Twp location

**TERMS:** 10% down, balance 60 days Inspection by appointment or open house Sat , Dec 26, Sats , Jan 2 & 9 from 1-4 PM

**Terms by**

**NOAH S. MINERVA B. MARTIN**

Auction Conducted by
Randal V Kline Lloyd Kreider
Roy Good Jr Auctioneers
Lic #2116 #513 #499
717 445 4309

717-354-9584 or 355-0249
Linda Kling, Atty.

KLINE, KREIDER & GOOD
AUCTIONEERS

## PUBLIC AUCTION
### of Valuable
### 104 Acre m/l Manheim Area Farm
### John Deere 4435 Combine; (4) John Deere Tractors; Farm Equipment; Shop Equipment; Tools
### SAT., FEBRUARY 20, 1999
### Auction Time: 9:00 A.M.
### Real Estate: 12:00 Noon

Location: 2434 N. Colebrook Road, Manheim, PA. From Manheim follow W High St (772) west to Sporting Hill. North on Colebrook Road approx. 5 miles to farm on left. From Rt. 283 (Manheim/Mt. Joy exit) follow Rte. 772 East to Sporting Hill 3 miles turn left onto N. Colebrook Rd. approx. 5 miles to farm on left Just south of village of Mastersonville. Ralph Twp., Lancaster County, PA

**104 Acre m/l,**

**Farm w/Farrow to Finish swine unit**

* 10 Room Brick Farmhouse Dated 1850, w/Attached 2 car Garage; includes custom built Cherry Kitchen w/dining area, Living Room, Dining Room, Family Room, Sewing Room, (2) Bath Rooms, (4) Bedrooms, office, laundry, (3) room basement, Attic; oil fired hot water heat system; Pella replacement windows; A very tastefully decorated house with recent updates. Wooden deck and pool.

* 50'x100' Bank Barn - Equipped w/120 sow farrowing unit, gestation, farrowing & Nursery, 2nd story equip. and storage area; feed bins, etc.

* 42'x120' Finishing Barn - 700 head hog finishing barn built in 1989, curtain ventilation

* 50'x120' Implement Barn - w/24'x50' workshop

* 75 Acres tillable * 25 acres pasture

* Well water, approx. 40 gal/min.

* Zoned: Agricultural

* Terms on real Estate: 10% of purchase price day of Auction. Balance due at final settlement to be held on or before April 7, 1999. Attorney: David Workman.

Note: House & Farm shown by appointment phone John at (717) 665-5099. An excellent farm with much potential, good farm buildings and house. This farm could easily be converted to a dairy operation or continued as a swine operation.

Auction For:

**David N. & Miriam H. Groff**

**Auction conducted by:**

**John D. Stauffer Auctioneers**

**AU-1509-L**

**Phone: (717) 665-5099**

**Manheim, PA 17545**

**Food By Mastersonville Fire Co., Aux.**

FRI JAN 29-1PM 53 N Main St , Jacobus, PA, Public Auction Real Estate,Gilbert & Gilbert Auct

SAT JAN 30 - 9AM Going Out of Business Sale for J L Y Repair shop in Mechanicsville, Md Rt 5 S of Waldorf to 236 turn right go to Dixie Lyon Rd , turn right to sale on left Shop Equip , Misc Items, By Jacob L & Gertrude Yoder Mel Hoover, auct

SAT JAN 30 - 10AM Real estate & farm machinery In Juniata Co midway between McAlisterville and Richfield, Pa along Rt 35 Bryon Hoyer, owner Bryan D Imes, auct

SAT JAN 30 -8 30AM Unreserved Public Auction, Redware&Stoneware, Glasware English China(Gaudy Dutch, Spatter, Continental&Oriental China, Silver, Pewter, Primitives Gray Granitware, Textiles, Country furniture Horst Aucton 50 Durlach RD Ephrata, PA, Horst Auct

**rFEBRUARY**

TUES FEB 2 Fat Cattle Sales Carlisle Livestock Market, 548 Alexander Spring Rd , Carlisle, Pa

TUES , FEB 2 - Amos S & Lydia Mae Stoltzfus William Run Rd , Christiana, Pa 9 head of Sorrel Mules, Big Mules in nice condition 65 head Holstein Herd good production & exceptionally good on udders, full line of farm machinery Petersheim Aucts

TUES , FEB 2 - 9 AM Located at 841 Winter Hill Road, 2 miles West of May Post Office Road Farm Equipment and Household Goods Diffenbach's Aucts

WED , FEB 3 - 9 AM Located in Leola Across from C&D, turn off Rt 23 on Stoltzfus Ln , Lanc Co , Pa Household Goods, Full Line of Farm Machinery, horses 34 heifers Terms by Henry & Lizzie Stoltzfus Robert E , Jeffrey R , Michael L Martin Randall L Ranck, aucts

WED FEB 3 -6 30PM Winross, Hess, Farm Trac & toys - A&C Diffenbach Auction Inc

WED FEB 3-10AM, Terms By Jonas S King, 122 Krantz Mill Rd , New Providence, PA, Mule Sale, Mel Hoover Auctioneer

THURS FEB 4 - Elam Esch, 2210 Creek Hill Rd Lancaster Farm Equip & Horses and Mules Mel Hoover 717-354-6431

THURS FEB 4, Farm Equip Rt 119 to Callatin Ave Exit Turn W on Bute Rd , 2 miles to sign Quarrick Auct

FRI FEB 5 - 10AM Horse Sale New Holland Sales Stables, Inc , 101 W Fulton St , New Holland, Pa

SAT FEB 6-10 00AM Horse Sale, 834 Wallace LRd New Holland, PA Mel Hoover Auct

SAT FEB 6 - 8AM Public sale of private collection of antiques china and primitives located at 6 Pine St Mt Joy, Pa Witman Aucts

SAT FEB 6-9AM, Terms by John Adams, Farm Tractors Farm Machinery, Dump Truck & Tools 40 Adams Rd York Co PA Sechrist Auct

TUES FEB 9 Daniel Z & Priscilla Stoltzfus Dairy cow heifers horses farm machinery Located at 577 Churchtown Rd , Honey Brook, 322 to Churchtown Rd go South 3 miles to sale, 340 to take churchtown rd go North 3 miles to stop sign, turn right first farm right Snyder Auction Service

WED FEB 10 - 9AM Farm Machinery and Household Goods, Loc 194 Liberty Lane, Kirkwood, Pa From Quarryville take Rt 272 S app 5 miles turn west onto Maple Shade Rd , go to Liberty Lane turn left, 1 mile to sale Terms by John K Esh Kreider Kline & Good, aucts

THURS FEB 11 Aaron & Malinda Allyger Colonial, Intercourse Pa 6 head of mules, nice condition, 55 hd Holstein Herd, good production herd, excellent udders, full line of farm machinery, Petersheim Aucts

THURS FEB 11 - 8 30AM Auction of Horse Drawn Farm Machinery 3 miles S of Rt 30 along Black Horse Road, Paradise Twp , Lanc Co , Pa For Henry S & Emma Fisher Leon D Kurtz auct

FRI FEB 12 - 9AM Tractors, farm eq & supplies A&C Diffenbach Auction Inc

FRI FEB 12 - 1PM State Graded Feeder Pig Sales Carlisle Livestock Market 548 Alexander Spring Rd , Carlisle, Pa

SAT FEB 13 - 10AM Middletown, New Castle Co , Delaware Blizzard Date, Feb 15 Baker Farms, Inc Complete Dispersal of all potato growing and packing equipment Pirrung Auctioneers, Inc , Wayland, New York

MON FEB 15 - Farm equip Richard Moyer, near Silverdale Zettlemoyer Aucts

## PUBLIC AUCTION
### HOUSEHOLD GOODS
### ANTIQUES
### COLLECTION OF TOY FIRE TRUCKS
### TOOLS
### SAT., JANUARY 9, 1999
### 8:00 A.M.

To be held at the Lincoln Fire Hall, in rear of 1438 West Main Street, Ephrata, Lancaster County, PA. (One block off Route 322 West). Watch for sale arrows.

**OAK HIGH CHEST**

Blanket Chest, Cedar Chest, Depression Vanity, Open Hutch, Glass Door Bookcase, Cedar Wardrobe, Windsor Style Arm Chair, Home Entertainment Center, Night Stands, Decorated Boston Rocker, Oak Rocker & Chair, 2 Refrigerators, Upright Freezer, Metal Office Desks, Metal Filing Cabinets, Electrical Appliance Truck, Microwave Oven, VCR, Dehumidifier, Fish Aqariums, Bicycle, Yellow Ware Bowl, Noritake China Dinner Set, Lenox China, Slag Creamer, Milk White, Black Salt & Pepper Shakers, Depression Glass, Fire King Mixing Bowls, Breininger Pottery, China Tea Set, Watts Bowls, Pyrex, Oriental Vase, Pressed Glass & China, 8 Crocks, Jugs, Collection of Fire Co. Plates, Mugs, Etc.; Lot of Everyday Dishes.

**COLLECTION OF OVER 50 FIRE TRUCKS**

Inc. Buddy L, Hess, Structo, Texaco & Matchbox; Early Tin Dirigible, Early Decorated Tin Tole Box, Agate, Lot Baldwin Brass Items, Cookie Cutters, Copper Wash Boiler, Milk Can, Stainless Steel Kettles, Gerber, Indian & Other Dolls; Loads of other items.

**Terms by**

**MRS. EDDIE BALMER and OTHERS**

**DALE L. PUTT,** AUCTIONEER

AU-000733-L

Phone Akron (717) 859-1430

## Auction Of Valuable
### Antiques -Pens & Pencils - Collectables - Etc.
### On: Sat., Jan. 9, 1999 at 9 AM
**At: 3013 E. Market St., York, PA. In the Springettsbury Fire Co. Social Hall.**

**ANTIQUES-COLLECTIBLES**

Victorian marble top stand - Sm. drop leaf stand - 2 Modern china cabinets - Asst. pcs. Carnival glass - Wine set - Green water set - 2 Nortitake Azalea mustards - Lg. cow pitcher - Quilt - Glass shoes - Glass baskets - What nots - Asst. sm. dolls - Nippon chocolate set - Decorative plates - Cranberry swirl vase - 2 Needlepoint pictures - Norman Rockwell on Canvas - Drugstore bottles - Ship on Nest - Old baby shoes - Head vase - Wind up doll - Dresser set - Tea set - Urn - Linens - Dishes consisting of Japan, Noritake, Nippon, Bavaria, Germany, Opalescent; Depression - Asst costume jewelry - Cups & Saucers - 2 Moose creamers - Cake stands - Asst. stands - Corner shelf - Card table & Chairs - RCA color TV - Childrens books - Tiffany alarm clock - Worlds Fair items 1983 to 1955 - 1982 World Columbia paper weight - Baccarat paper weights - Orphan Annie & Sandy music box - Garfield bank - Historic paper dolls - Souvenir spoons - Worlds Fair silk scarves & cloth pcs 1893 to 1907, Plus many other items too numerous to mention.

**PENS & PENCILS**

Collection of approx. 60 antique writing pens & pencils from 1800's to early 1900's in: Parker-Eversharp - Norton - C.W. Simon Phila. Mabie - Todd - Aiken - Lambert - Mother of Pearl pens & pencils - Glass pens - Writing set - Advertisement - Parker & Waterman pen boxes - Showcase pen trays - reference books.

**NOTE:** Call auction firm for list of pens & pencils

**INSPECTION:** Friday, Jan. 8 from 6:30-8P.M. Not responsible for accidents on day of Auction.

**TERMS: Cash or Personal Checks with Auctioneers Approval.**

Gilbert & Gilbert Auctioneers
Brian L. Gilbert Lic. #2256
Jacob A. Gilbert Lic. #336
Phone (717) 252-3591 (717)252-1656

## PUBLIC AUCTION
### John M. Hess Auction Service, Inc.
### Special Restaurant Sale
**Located At Country Table Restaurant, Mount Joy, PA.**

### Mon., Jan. 11, 1999, 10:00 AM
**To Make Room For A Planned Expansion, Country Table Restaurant Is Liquidating Their Banquet Business Only!**

**AUCTIONEER'S NOTE AND TERMS:** Cash or good PA check only! We have combined equipment from several other recently closed restaurants to complete this sale All equipment is in good condition. don't miss this sale!! See Next Week's Lancaster Farming or Call John for a full listing.

**JOHN AU-003484-L**

**DENNIS & BOB WOLGEMUTH**

**CALL JOHN**

**HOME 717-664-5238**

**AUCTION BARN 717-733-8192**

## PUBLIC AUCTION
### Thurs., Jan. 21, 1999
### Mules, Crops, Shop and Farm Equipment, Milking Equipment

**9:00 A.M.** **9:00 A.M.**

**Directions: From Strasburg take 896 South to 2nd Farm on left.**

**Mules**

**Pair of big 5 yr. old Sorrel Jack Mules, Pair of Big 12 Yr. Old Sorrel Mules, Pair Black Mules, These Mules are Broke To All Farm Equipment With Snap.**

**Horse Related Items**

7 sets front gears, 7 bridles, check lines, jockey sticks, 12 collars, 1,2,3,4,5 & 6 horse hitches, 6 new 4 horse hitches, 5 new 3 horse hitches, 2 new 6 horse hitches, 12 new 2 horse hitches, 40 new yokes, also selling a full line of used 1 & 2 & 3 & 4 & 5 & 6 horse hitches.

**Milking Equipment**

4 Westfalia milker units with 65 lb. bucket, 80 lb. bucket, Sputnick, Westfalia milker washer, 12 volt Sputnick motor, twin tub, washer tub, vacuum pump, cooling compressor, pressurized kerosene tank, Herdex breeding chart, barn desk, scales, misc. milk house supplies.

**Crops Crops**

Approx. 1200 bale 1st cutting hay, approx. 1000 bale 2nd cutting hay, approx. 1000 bale 3rd cutting hay, approx. 600 bale 4th cutting hay. 1000 bale haylage in bags, 1000 bale corn fodder, approx. 50 ton ear corn, approx. 225 corn silage.

**Farm Equipment**

10006 Deutz tractor 540 and 1000 PTO on steel or rubber tire (good condition), New Holland 311 baler with 2 cylinder Wisconsin engine (like new), 256 New Holland Mower with 4 cylinder Wisconsin engine, good condition, 402 crimper good condition, Kuhn ground drive rake (good condition), 36 ft. New Holland elevator, 4 flat wagons 2 with corn sides, 16 in. White Horse 2 way plow (good condition), Papec silage cutter with PTO good condition, 3 row Maxi Merge corn planter good condition, 3 point forklift mast, Iva Mfg. sprayer with pump (like new), 20 K.B.A. disc (like new), 3 auto turn forecarts, New Holland corn drag, Ontario grain drill, 12 in. Oliver 2 bottom trailer plow, Dry Hill liqurd manure pump, Pequea liquid manure spreader, 10 ft. cultipacker, Pequea manure spreader, 3 section spring tooth harrow, wagon gear, barnyard scraper, 20KW Winpower generator, hydraulic unit with 7 1/2 HP Kawasaki engine, hydraulic motor with 2 - 75 ft. hoses, 275 gal. fuel tank with pump, 150 gal. fuel tank with pump, 10 ft. portable feed bunk with 12 head headlocks.

**Misc. Items**

Line shaft, 3 ton feed bin, round bale feeder, dual wheeled wheelbarrow, silage cart, grain cart, forks, shovels, brooms, scrapers, 55 gal. barrel and pump.

**Misc. Shop Equipment**

20 ton presses, anvil, acetylene torch, 2 chain hoists, hydraulic hoses, grindstone, iron worker, walker turner, drill press, Ampox metal band saw with air motor, 295 amp welder, Scotchman Industries shears, bolt bins, welding table, shop stove, air hoses, lots & lots of new angle iron & round stock and flat iron, lots & lots of misc. shop tools to numerous to mention!

**Sale for Hannah Fisher**

Widow of Samuel
363 Georgetown Rd.
Strasburg, PA 17579

**Cash or Honorable Pa. Check Only**
**All Announcements Sale Day Take Precedence Over All Advertising**
**Not Responsible for Accidents**
**Food on Premises**
**Auctioneer: Mel Hoover**
**AU-003111-L**
**717-354-8397 Home or 717-354-6431 Barn**

# Dairy and Livestock Sales

## Public Auction Register

Closing Date Monday 5:00 P.M.
of each week's publication
Internet Sale Register will be updated
every Sat. at 2:23 P.M.

TUES FEB 16 - Fat Cattle Sales Carlisle Livestock Market, 548 Alexander Spring Rd , Carlisle, Pa

TUES FEB 16 - David Stoltzfus 3109 A Irishtown Rd Gordonville Farm equip & horses Mel Hoover Auct

## MULE SALE

## Wed., Feb. 3, 1999

10:00 A.M. At 10:00 A.M.

Jonas S. King
122 Krantz Mill Rd.
New Providence, PA 17560

Directions: From Quarryville Take 222 North to Krantz Mill Rd. Turn Left to sale on left!

**Approx. 150 Head of Mules**
Hitch Time 8:00 A.M.
Sale Time 10:00 A.M.

If you are looking to sell good big strong mules, Please call (717) 354-6431 or (717) 786-9990 at 8:00 A.M. If you are looking for good big acclimated mules don't miss this sale.

Terms by:
**Jonas S. King**
122 Krantz Mill Rd., New Providence, PA 17560
Phone (717) 786-9990 At 8:00 AM
Lots of Home Made Food Proceeds Go For Hospital Bill

Cash or Honorable PA Check Only
All Announcements Sale Day Take Precedence Over All Advertising.
Not Responsible for Accidents
Food on Premises

Auctioneer: Mel Hoover
AU-003111-L
717-354-8397 Home or 717-354-6431 Barn

## TOY SHOW

Leesport Farmers Market Social Hall
Rte. 61, Leesport, PA
Sunday, Jan. 17, 1999 - 8:30 am to 2 pm

***FREE ADMISSION***

All Categories of old toys and collector toys
150 tables of toys indoors
Contact Gallagher Productions
**(610) 562-9404**

## Real Estate & Modern Farm Machinery Auction

### Sat. Jan. 30, 1999 10:00 a.m.

**Located in Monroe Township, Juniata County midway between McAlisterville and Richfield PA along Rt 35 directly across from Lauvers Mennonite Church.**

**Juniata Co. Farmette 12:Noon**

A surveyed 35 acre farm with 13 acres tillable, 7 acres high tensile fenced pasture with spring/stream and approx 15 acres wood land Buildings include a 1988 Champion 14'x56' mobile home equipped with central air and appliances, 32'x48' pole building with one bay enclosed-new 1988, a small frame implement/livestock shed. Property also has drilled well and sewage A must see, clean property setting nicely off Rt. 35 with a ridge background and viewing Evendale

**Real Estate Terms: 10% down payment balance in 45 days.**

**Showing Saturdays January 2nd, 9th, 16th from 1-4 pm or inspection by appointment phone 717-463-3974.**

Bryan D. Imes, Auctioneer
Phone 717-527-2449
AU-001656-L

**Bryon Hoyer, Owner**
Phone 717-463-3974

Modern Farm Machinery & Equipment Selling at 10:00 AM

## AUCTION

### Of Valuable REAL ESTATE

### ON: January 29, 1999 at 1 P.M.
### AT: 53 N. Main St., Jacobus, PA.

**The undersigned will offer at Public Auction the following:**

**REAL ESTATE**

3 Story block building with a porcelain on steel facade front Building has approx 40,000 sq ft - 30,000 sq ft finished showroom Zoned: Commercial/Residential Set up as show rooms - office area and store front on first floor Second floor - showroom. Third floor - warehouse Basement - showroom 2 baths - storage - garage - loading dock Heated by gas hot water and Modine heaters Central AC & window units Building has elevator - emergency lights - 4 car block garage in rear - off street parking

The following portion of building is subject to prior lease. Consist of foyer - 2 baths - large main room - office. Basement with storage & garage - Central AC.

Located in Jacobus Boro - Public water - pending sewer. Building was used as a furniture store and funeral home. Many many possibilities. Come and See. Shown by Appt. Ph. (717) 428-3862.

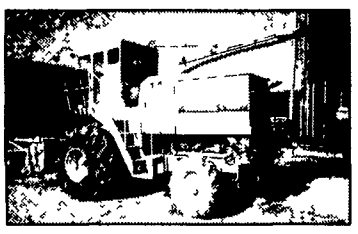
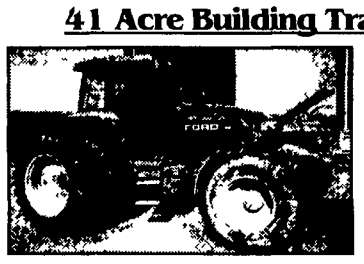
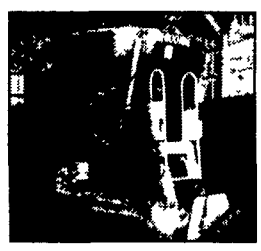
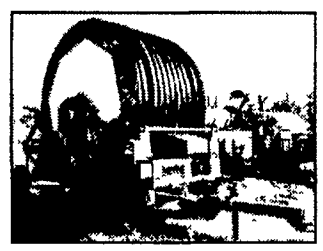
**TERMS: 10% DOWN DAY OF AUCTION, BALANCE DUE IN 60 DAYS.**

**Owner: LEADER REALTY**

**Gilbert & Gilbert Auctioneers, Inc.**
**Brian L. Gilbert Lic. #2256**
**Jacob A. Gilbert Lic. #336**
**Robert H. Griffith, Attorney**

## Absolute "Haas" Auction

### Excellent Opportunity!
### Land & Equipment Dispersal
### 131 Acre Farm In Two Tracts
### 90 Acres w/Nice Ranch Home, Barns, Outbuildings
### 41 Acre Building Tract w/Pond

### Full Line Of Large Late Model Farm Equipment
### Tractors - Forage Harvester - Combine - Trucks - Dozer - Trailers - Irrigation - Dairy Equipment. - Silos - Grain Bins - Misc. Household

**Salem Twp. - Washington County, Ohio**

**All sells to high bidders, No Reserves! on location: St. Rt. 821, LOWER SALEM, OH.**

**Directions: From I-77 and I-70 at Cambridge go south on I-77 to Exit 16 (Macksburg) then southeast on St. Rt. 821 approx. 8.5 miles to auction..OR..from Marietta go north on I-77 to Exit 6 then northeast on St. Rt. 821 and auction. Watch for KIKO signs...**

### Sat - Jan. 9, 1999 - 10:00 A.M.

**Real Estate To Sell At 10:30 AM Followed by Equipment**

**Terms On Real Estate:** 15% down auction day, balance due at closing

**Late Model Farm Equipment: Mostly One Owner & Well Cared For Tractors - Forage Harvester - Combine - Skid Loader:** Ford 8870 Genesis 4 WD 20 8x38 w/dual radials, 1747 hrs - Ford 8730 power shift, FW Assist, 20 8x38 radials - Ford 9700 diesel, 23 1x34 radials - Ford 9600 diesel - Ford 4100 diesel, 2324 hrs - good Ford 8N, gas - N H 2115 forage harvester, hydraulic 4WD assist, 10 ft hay head, 6 row narrow corn head w/aux hydraulics, 1490 hrs - N H TR 86 combine, 6 row narrow head w/lower drive, 2199 hrs - N H L785 diesel skid loader

**Trucks - Dozer - Trailers:** 1989 Ford L8000 diesel, tandem, 18 ft bed, fuller 10 spd - 1984 Ford F700 diesel w/12 ft flatbed- good Cat D7E dozer w/12 ft angle blade, 1234 hrs on new Cat engine & track - 4 Star 16 ft alum gooseneck trailer - 24 ft 5th wheel utility trailer w/steel bed

**Irrigation - Planting - Tillage Equip. - Poly Tanks: New** Amadas Reel Rain 6" w/1000 ft line & gun - **new** Dion LS510TD sprayer 50 ft boom, all hydraulic - Blutet SD injection applicator, 12 row - Great Plains solid stand 1500 notill drill w/center Pivot hitch - Kinze 6 row, 30" no till corn planter w/liquid fert - Sunflower 18 ft all in one land finisher, center fold transport - etc

**Hay - Silage Equip.:** Supreme 600 Tub Cutter-mixer-feeder w/scales - N H 415 discbine 11 ft cut - (3) N H #8 forage wagons - N H 644 round baler w/wet wrap -etc

**Manure Equip. - Harvestore Silos - Bins:** Badger BN18 trail manure pump & agitator - Balzer 6 slurry pump 1000 RPM pto - (2) N H 308 2400 gal side del manure spreaders - (2) 25'x90' (1) 20'x60', (1) 20'x90' Harvestore silos - (4) Goliath unloaders - ETC

**Dairy & Livestock Equip. - Misc.:** Mueller 2000 gal tank - Delaval milking system w/8 claws & weigh jars - etc

**Feed & Grain:** round bales - whole cotton seed - haylage

**Note:** For brochure and more information contact auctioneers at 1-800-533-5456.

**Terms On Chattels:** Cash, check, w/proper I D auction day Out of state checks, certified or letter of guaranteed funds auction day Lunch stand Available.

**Auctioneers/Realtors:** Gene Kiko, C A I & Joe Gordon

**Auction By Order Of: Betty A. Haas**

SINCE 1945

**RUSS KIKO**
ASSOC INC
AUCTIONEERS
(330) 455-9357

KIKO

www.kikoauctions.com
2805 FULTON DR. N.W. CANTON, OHIO 44718

**RICHARD T. KIKO**
AGENCY, INC
REALTORS
(330) 453-9187

## Public Auction

### Truck Farm Equipment

### Sat. Jan. 16, 1999

### 9 AM Preview Fri. Jan 15, 8-4

### For Stanley Zydorski

**261 Dutch Neck Rd.East Windsor NJ**

**Tractors, Bean Harvesters, Equipment, Irrigation**

**Tractors:** White 2-105 Field Boss w/Cab, Oliver 1600 WFE w/3 Pt hitch, Oliver 770 WFE w/3 Pt Hitch, JD MT WFE w/3Pt Hitch, Farmall Super H Wide Front w/2 Row Cultivator & Side Dresser, IH Farmall 140-12 Volt System 1 Row Cultivator & Side Dresser, JD Combine #45 12' Cut w/Cab & Blower-Square Back, 2 Oliver 70 (Parts Or Restore)

**Bean Equipment:** Chisolm Rider 2 Row Bean Harvester w/Trailer Mounted On Farmall 230, Chisolm Rider 2 Row Bean Harvester w/Dump Cart Mounted On IH 656 Diesel, Bean Tumbler & Grader, Tew 16" Vegetable Brusher - Washer & Sizer

**Equipment:** IH 12'Disc Harrow #37, JD 12 culti-Mulcher, Easy Flow 12' Lime Spreader, JD 16" Semi Mount 4 Bottom Plow, Oliver 3 Bottom Plow 16", JD 3 Pt. Hitch Culti-Mulcher/ Cultivator 2 Or 4 Row, JD 3 Pt Hitch 2 Row Flex Corn & Bean Planter, Stan Hay 3 Pt Hitch 2 Row Planter, 1 Row Hand Set Transplanter Electro Air Blast Sprayer - 3Pt Hitch w/110 Gal Tank, 24" x 11" Vegetable Sorting Table, 3 Pt Hitch 8' Scraper, Woods 3 Pt Hitch Mower 7' Cut, Planet Jr 4 Row Vegetable Seeder/Planter, 3 Pt Hitch For IH Super A Or 140, JD 8'Scraper Blade, 300 Gal Fuel Tank On Skids, 12' 2 Wheel Wagon

**Irrigation:** Chrysler 6 Cyl Pump, Briggs & Stratton 2 1/2" Suction Pump, Onan 2 1/2" Suction Pump, 60 Lengths Champion 40' x 4" pipe Some w/Sprinklers, 12 lengths Anderson Miller 40' x 6" Pipe, 60 Lengths A M 40' x 4" Pipe, 10 Lengths A M & Chpn 20'x4" Pipe, 26 Lengths A M 40' x 3" Pipe, 6" Elbows, 4" Elbows-Couplers & Sprinklers, 3" Couplers & Sprinklers, 4" X 3" Reducers, Various Valves Tees Elbows & Misc Pcs

**Trucks:** 1980 Chevy Pick-Up Series, 1972 Ford F600 w/16' Van Body, 1955 Ford F600 w/12' Grain Body

**Potato Equipment:** Dilts Wetzel Seed Potato Cutter, Trexler Cutter, Boggs 26" Potato & Onion Grader w/Roller & Pick Out Table, Platform Scale, Bag Truck

**Other Equipment:** 230 AMP Welder, 10" Table Saw, Band Saw, MF 500 Power Washer, Assorted Tools & Misc Items, Bushels, Boxes, Baskets, Antique Equipment, Root Plow, Planet Jr Cultivator, Wheel barrow, 12' Clover Seeder, Wooden Wine Press & Crusher

**Location:** 261 Dutch Neck Rd East Windsor-Mercer Co NJ (behind the McDonalds at Rte 130 & Dutchneck Rd )

**From The NJTP:** Exit 8 To Rte 33 West-Hightstown Follow Rte 33 To Rte 130 Take Rte 130 North Take A Left At The First Light (McDonalds), Onto Dutchneck Rd Look For Auction Signs

**Terms: Cash**-No Checks Under $500, Out Of State Checks Must Have A Bank Letter Of Guarantee Payable To Alfred's Auctions Inc

**Upcoming Sales:** *Fri Feb 5, 1999 6 PM Consignment Tool Auction At TriCounty *Sat Feb 20, 1999 9 AM, South Jersey Flower Growers Association Consignment/Equipment Sale At TriCounty Items Received By Feb 6 Will Be Advertised-No Junk Tri County Co-Op 619 Rte 33 West Hightstown NJ Between Rte 130 & NJTP (Exit 8)

**Sales Produced By ALFRED'S AUCTIONS**
**609-448-SOLD (7653) PO Box 861 Hightstown NJ 08520**

# PUBLIC AUCTION

## HOLSTEIN HERD DISPERSAL
## FARM MACHINERY, HAY, STRAW, FODDER
## THURS., JAN. 14,

**9:30 a.m.**

**Loc: 2800 Lyons Bone Mill Rd. Oxford, Pa. From Oxford take Rt. 472 East app. 1 mile turn left at fork in the road, go 1 mile to farm on right.**

35 HOLSTEIN COWS, 10 WERE FRESH SINCE NOV, BALANCE IN ALL STAGES, 6 BRED HEIFERS, 20 OPEN HEIFERS FROM 1 MONTH TO BREEDING AGE, PB BULL (No Papers), 2 SORREL MULES, **Case Flail Chopper w/Summit Hills Flails w/90 Hp GMC 353 Detroit Diesel Engine;** NH 402 Crimper w/L20 Lombardini Diesel Engine, NI 310 Corn Picker, Corn Drag; McCormick Deering PTO Corn Binder w/Loader; 2 Bin Wagons, JD 36' Grain Elevator; 36' NH Elevator, 30' Hay Rack On Wheels, NH 456 Mower w/10 hp Briggs Engine; NH 55 Rake; NH 315 Baler; Farm Bilt Iron Wheel Wagon; JD KBA 28 Section Disc, 2 Cultipackers; 3 Section Harrow, McCormick Deering 1 Row Cultivator, 2 Weeders, Ontario 13 Disc Grain Drill; Fore Cart

Tobacco Planter; 3 Minnich Bale Boxes, 9,000 Tobacco Lath, Shears & Spears, Scaffolding; Tobacco Ladder Wagon; Tobacco Rails; One Horse Tobacco Sprayer; 200 Gal. Field Sprayer; Pequea Manure Spreader, E L S Pit Spreader, 5 Farrowing Crates; Misc. Lumber; Warm Morning Coal Stove; Scandia Wood Stove, Few Wagon Items Items to numerous to mention No out of state checks Lunch Available Sale order. Starting with wagon items, machinery, hay, straw, fodder and cattle last The Fisher's purchased a farm in Wisconsin so therefore they are selling their personal property to the highest bidders

**TERMS BY**

**LEVI Z. AND SARAH E. FISHER**

**Auction By:**
**Lloyd Kreider, Randal V. Kline**
**Roy E. Good, Jr. Auctioneers**
**(717)786-3394**
**Lic. #513L - 499L - 2116L**

KREIDER, KLINE & GOOD
*AUCTIONEERS*

## 2 PROPERTIES NEAR FIVEPOINTVILLE
## 92 ACRE M/L FARM – 2½ STORY HOUSE & LOT
## EACH TO BE SOLD SEPARATELY
# PUBLIC AUCTION
# MON., JAN. 18, 1999
## Auction Time 2:00 P.M.

**DIRECTIONS:** From Fivepointville take Rt 897 North 2 miles and turn left onto Lauschtown Road **OR** from Rt 272 at Weaver Markets take 897 South 2 miles, turn right onto Lauschtown Rd go 1 2 mi to properties on left Brecknock Township, Lancaster Co , PA

**825 Lauschtown Road, Denver, PA**

**Property #1** **2½ STORY FRAME HOUSE** **92 Ac. Farm**

with large eat-in kitchen with lots of cabinets and built-in stove, large living room/dining room combination with built-in corner cupboards, large family room, attached mud room with shower & attached wash house with sandstone fireplace Upstairs has 3 bedrooms and full bathroom, attic, full basement, oil hot water baseboard heat, 1000 gal. underground fuel tank, well & septic system

**LARGE BANK BARN:** approx 36'x58' with sandstone gables with a 48'x64' leanto with a tapered board bunk feeder, 8 ton feed bin for approx 70 steers, also a 20'x28' drive-in addition with crib.

**32'x42' BANK BARN:** with original cow stable on 1st floor, hay storage on upper floor, attached sandstone milk house

**SILOS:** 20'x80' Stave Silo w/Unloader, 16'x50' stave silo

**92 ACRES TOTAL,** approx, 75 acres tillable, 12 acres woodland, 5 acres pond & pasture, with an 18'x30' heifer shed, good producing sandstone soil with gentle slope & 2000 ft drainage tiles.

**819 Lauschtown Road, Denver, PA**

**Property #2** **2½ STORY FRAME HOUSE** **House & Lot**

with kitchen and dining area combined, living room, family room **UPSTAIRS** has 3 bedrooms, full bathroom, attic storage, oil hot water baseboard heat, well & cesspool, storm windows, enclosed back porch, metal roof, detached 2 story 1-car garage w/overhead door, macadam drive, garden area, property is in need of minor repairs, but a nice country setting on approx 1/2 Acre

**NOTE:** Farm will be sold first, followed by property #2 Be prepared to bid, owners are planning to sell Don't miss these two properties, both zoned ag

**OPEN HOUSE:** Saturday, January 2 1 00 PM to 3 00 PM
Saturday, January 9 1 00 PM to 3 00 PM,
balance of farm can be seen anytime

**TERMS:** 10% down payment day of auction, balance at final settlement on or before March 15, 1999 For information or help to obtain bank financing call Aaron E Martin, (717) 733-3511

Attorney Richard Young, Phone 738-9000

**Auction By**

**LAVINA E. REDCAY**
**(MRS. IVAN W. REDCAY)**

AARON E MARTIN Professional AUCTIONEERING
MARTIN AUCTION SERVICE
410 West Church Rd
Ephrata PA 17522
(717) 733-3511
AU-002286-L

# Dairy and Livestock Sales

## Public Auction Register

**Closing Date Monday 5:00 P.M.**
**of each week's publication**
**Internet Sale Register will be updated**
**every Sat. at 2:23 P.M.**

WED FEB 16 - John R & Lydia Esch, 121 Pennsy Rd , New Provience Farm Equip , Milking Equip, Horses Mel Hoover 717-354-6431

SAT FEB 20-9AM, Terms By David & Miriam Groff, Real Estate, Farm Equip Shop Equip , Tools , 2434 N Colebrook Rd , Manheim, PA, John D Stauffer Auctioneers

THURS FEB 18 - Eli S Stoltzfus, Jr , 1651 Hunsicker Rd , Birdin-Hand Farm equip & mules Mel Hoover, Auct

THURS FEB 18 - Paul D & Rhoda Ann Mast, Morgantown, Pa Full line of upgraded farm machinery, potato planting & harvesting and packing equip John Deere tractors, 4455 MF 245, 1085 tractors Petersheim Aucts

THURS FEB 18 - 10AM Selling for Jason and Jean Martin of Greencastle, Pa Who are discontinuing farming, tractors combine and a complete line of farm equipment J G Cochran, aucts

FRI FEB 19 - Ben & Malinda Stoltzfus, 3770 Jacksonville rd , Bellfonte, Farm Equip , Horses & household items Auctioneer John Esh

FRI FEB 19 - Farm equip C Garwood & Miriam Myers near Silverdale Zettlemoyer Aucts

FRI FEB 19 - 10AM Horse Sale New Holland Sales Stables, Inc , 101 W Fulton St , New Holland, Pa

FRI FEB 19 Fishercraft Furniture, Groff Dale Rd , Leola Going out of business Sale, Wood working equip , Mel Hoove Auct

SAT FEB 20 - Honey Brook Fire Co - quilt auction

## Advance Notice SALE

To be held at Smoketown Quality Dairy Sales, Smoketown, PA Rt. 340

- 5 Registered & Grade Cows out of one herd.
- 1 Registered 2 yr. old, Sire-Heinz, Dam made near 27,000M 2E King-Lea Leader made 1,000 Fat. Next Dam VG 86.
- 1 Load of Cows from New England States and Susquehanna County.

**More Details Next Week.**

**Mel Hoover - Auctioneer AU003111-L**

Sale Managed By
SMOKETOWN QUALITY DAIRY SALES
Gordon & Helen Fritz and "Little Joe"
717-393-0930
*"We Are Small, But We Do It All!!!*

# PUBLIC AUCTION
## Wed., January 6, 1999
## Heifers, Draft Horses, Crops,
**9:00 A.M.** **Farm & Dairy Equipment** **9:00 A.M.**

**Directions: From Gap take 30 west to 772 North to Amish Rd. turn right to sale on right. From New Holland take New Holland Rd. South to 772 turn left to Amish Rd. turn left to sale on right. Watch for signs!**

### 16 Grade Holstein Heifers
**10 Open**
**1 Springer**
**6 Bred**
**1 Breeding age registered Holstein Bull**

### Dairy Equipment

4 Westfalia Milker Units with 65 lb. Buckets, 2 Extra Buckets, 65 lb Bucket & 75 lb. Bucket, Sputnick, Claw Washer, Twin Tubs, Feed & Silage Carts, Cow Trainers, Vacuum Pump, 2 Cylinder Deutz 28 H.P. Diesel with Speed Clutch (Completely Overhauled in '98),

### 8 Sorrel Draft Horses 8
Broke to all farm machinery and ready for work

### Horse Related Items

Spring Wagon, 8 Set Front Gears, 8 Bridles, 10 Collars, 4 Set Checklines, 4 Set Rope & Pulley for Tandem Hitches, Jockey Sticks, Etc , 1, 2, 3, 4, 5, 6, 7 & 8 Horse Hitches

### Crops Crops

Approx. 80 Tons 1st, 2nd & 3rd Cutting Hay, 80 Tons High Moisture Ear Corn, 200 Tons Corn Silage, 35 Tons Corn Fodder, 30 Ton Ear Corn

### Farm Equipment

New Holland 273 Baler with Wisconsin Engine, N.I. 325 2 Row Cornpicker with 8 Roll Bed, J.D. 7000 - 4 Row Plateless Corn Planter Narrow Row, Easy Trail 16 ft. Flat Wag[illegible] PTO, Ground Drive Fore C[illegible] I & J Mower-Crimper Combination, 32 ft. Zimmerman Elevator with Hydraulic Motor, Kuhn PTO Hay Rake, 2 - 18 ft. FarmBilt Flat Wagons One with Tandem Wheels and 18 ft. Bed, Nickelson Hay Tedder, Wheel Rake, J.D. 38 Harvester with Table, New Holland 707 Harvester, Mc Roto Beater with VG 4 Cylinder Wisconsin Engine, V.H. 4 Cylinder Wisconsin Engine with Reduction Clutch and Hydraulics, J D Binder with Loader & Kawasaki Engine, J.D. One Horse Binder with Honda Engine, N I 206 Manure Spreader, White Horse 12 in. 2 Bottom Hydraulic Reset Plow, 2 ELS Gravity Boxes on Gears, Hydraulic Power Unit with Honda Engine, Corn Drag with Hydraulic Motor, 28 K.B.A. Disc, 10 ft. Harrow, 10 ft. Cultipacker, 8 ft. Roller, I & J 2 Row Cultivator, Field Sprayer with Pump & Engine, Shovel Harrow, 2 Auto Turn Carts, 1 with Hydraulic Brakes, 1 Other Cart, Several Used ELS Manure Spreaders

### Misc. Items

Lots of Scrap Metal, 1500 ft of 5 in Aluminum Irrigation Pipe, 2 Solar Charged Fencers, 1 other Fencer, 200 Gal. Gas Tank, 2 - 275 Gal. Fuel Tanks, Wheelbarrows, Forks, Shovels, Brooms, Lots & Lots of Misc Items too numerous to mention A few Household Items

**Terms by**

**Elam M. & Lydia Ann Stoltzfus**
**5270 Amish Rd., Kinzer, PA. 17535**

**Cash or Honorable Pa. Check Only**
**All Announcements Sale Day Take Precedence Over All Advertising**
**Not Responsible for Accidents**
**Food on Premises**

**Auctioneer: Mel Hoover AU-003111-L**
**717-354-8397 Home or 717-354-6431 Barn**

# REAL ESTATE AUCTION
## FARM – APPROX. 450 ACRES – 3 PARCELS
## MONDAY, JANUARY 11 – 11:00 AM
## FOR FARM SERVICE AGENCY

**FARM LOCATED BRADFORD CO., ROME, PA, OFF ROUTE 6 AT WYSOX ONTO ROUTE 187 5 MILES TO ROUTE SR1055 (BATTLE CREEK RD.). AUCTION TO BE HELD AT FSA BUILDING LOCATED IN WYSOX, PA.**

**PARCEL 1:** Main Farm – 259 acres, parcel #32-049-079-RB 356 pg. 500 – located on both sides of SR1055 (Battle Creek Rd ) with SR1044 also dividing a partial of the property. Parks Creek running through farm **Real Estate** consists of large barn, 2 additions (30'x100') and (30'x80') with free stalls (43'x170') – Penn State plan – stalls are set up for 90 heifers – all ages, and 15 calf feeder pens. Barn was set up with 2 rows – 55 cows per row 2 Machine sheds – 48'x100', older one 24'x52', Milkhouse, 2 concrete silos (12'x50' and 14'x50') No home on property, lot with 182' drilled well, to go with this parcel. In Clean & Green approx. 116' acres cropland, 65± woodland & 13 waste Farm contains hydric soils Farm located on paved road.

**PARCEL II:** 66 acres, parcel #32-049-00-104, deed book 356 pg 500 Located on macadam SR1055 with power line through property. 46 acres open, 20 acres of woodland In Clean and Green. Great land for hunting.

**PARCEL III:** 125± acres of vacant land overlooking Rome Located on SR1055 (Battle Creek Road – hardtop). Parcel #31-49-76, R.B 356, Pg. 500. Sloping triangular land with portion in Rome Borough and the majority located in Rome Twp. Large quantity of road frontage on SR1055. In Clean and Green

**INSPECTIONS:** **WEDNESDAY, DEC. 23 – 4:00 to 5:00 PM**
**WEDNESDAY, DEC. 30 – 4:00 to 5:00 PM**
**WEDNESDAY, JAN. 6 – 4:00 to 5:00 PM**

**TERMS:** $10,000 down on each parcel at the conclusion of the bidding, balance due upon delivery of the deed within 45 days Down payment is to be Cashier's Check, Certified Bank Check or Personal Check with bank guarantee. Any other terms or conditions announced sale day. Information believed to be correct, but not guaranteed Real Estate offered separately and combination. Buyer is responsible for the 2% transfer tax. If survey is needed, it is to be paid for by the buyer. The real estate is sold "as is" **Easement:** A perpetual conservation easement reservations of 25' on either side of any waterways applies to this real estate under authority of Federal Law Sec 331 & 335 of the Consolidated Farm and Rural Development Act (7 USC 1981-1985) as amended and approximately a 20 acres conservation easement on Parcel 3.

**OWNERS: U.S. DEPT. OF AGRICULTURE, FARM SERVICE AGENCY**

***BE SURE TO INSPECT THIS DESIRABLE PROPERTY AHEAD OF SALE DAY SINCE FARM AUCTION HELD AT FSA OFFICE IN WYSOX, PA.****

## SHAMROCK AUCTION SERVICE

**AU-116 AUCTIONEERS: Jerry Burke & Assoc.**
**Phone: (717) 833-5913 Fax: (717) 833-2186**
**Members: PAA/NAA/CAI/NYSAA**
**E-Mail: shamroc1@epix.net**

# Public Auction Register

**Closing Date Monday 5:00 P.M.**
**of each week's publication**
**Internet Sale Register will be updated**
**every Sat. at 2:23 P.M.**

SAT FEB 20 - Samuel S & Hannah Hertzler 441 Bethel Church Rd , Mechanicsville, Mdy Farm Equip & Horses Auctioneer Mel Hoover

SAT FEB 20 -8AM Public sale of private collection of antiques, china and primitives located at 6 Pine St Mt Joy, Pa Witman Aucts

SAT FEB 20 - 9 30AM Penns Valley Farm Machinery & Work Horse Auction Located along Rt 45 at RR2 Spring Mills, Pa Josiah & Leah Peachey, owners Bryan D Imes, auct

SAT FEB 20 - 10AM Selling for Gerald and Shirley Fries of 7230 Finley Rd near Mercersburg Pa J G Cochran, aucts

SAT FEB 20-10 00AM 104 Acre Farm John Deer 435 Combine, John Deer tractors & Equip Terms by David & Mariam Groff, 2434 N Colebrook Rd , Manheim, PA John D Stauffer Auctioneers

SAT FEB 20 9 00AM Special Horse Sale, Horses 11 00AM at the Belleville Livestock Market Belleville PA, Terms by B L Market, Mark Glick Auct

TUES FEB 23 Isaac F & Anna King 5260 Homeville Rd Oxford, PA 19363 Farm equip , and horses Mel Hoover 717-354-6431

TUES FEB 23 - 10AM Located 3 1/2 mi S of Intercourse, turn off Rt 340 N on New Holland Rd , 1st road Rt on Red Well Dr to sale, Lanc Co , Pa Full line farm equip, horses, & household goods Terms by Daniel S & Malinda S Zook Robert E Jeffrey R Michael L Martin & Randall Ramckaues

TUES FEB 23-8 30AM Terms By Katie Beiler, Pond Rd , Intercourse, PA Farm Machinery, 5 Head Mules, Milking Equip Household Anitques, 3 Old Quilts

TUES FEB 23-9 00AM 248 Meadow Valley Rd , Ephrata, PA Public Auction, Farm Machinery, Tractors, etc Edwin Horning & Sons

TUES FEB 23-9 00AM Horses Machinery, Furniture Located in Mifflin Co 1 5 Miles S of Reedsville, PA on Rt 655 , Turn off at Old Woolen Mill on Coffe Run Rd 1 25 Miles to farm Mark Glick Auct , Terms By Christ R Yoders

WED FEB 24 - David K & Susie L Beiler, 2052 Edisonville, Strausburg, 17579 Hroses, farm milk equipment, heifers Mel Hoover, auct

THURS , FEB 25 - Farm Equipment, Tools, HH Goods, by Jay & Virginia Hoover, 223 Enola Rd Newburg, Pa Andrew & Nevin Martin, aucts

THURS FEB 25 & FRI FEB 26 - 8 30AM Farm equip, & antiques By John & Elias Beiler Dennis & Bob Wolgemuth, Robert Martin & Sons, Blaine Rentzel, Fred Goodrich, Mel Hoover Dave Gossert, Alan Diffenbach, aucts

FRI FEB 26 - 1PM State Graded Feeder Pig Sale Carlisle Livestock Market, 548 Alexander Spring Rd , Carlisle, Pa

FRI FEB 26-10 00AM 2 Horses, 40 Heifers and farm Machinery Located 1 5 Miles S of Allensville, PA on Rt 655 to Detweiler Lane , Mark Glick Auct Terms by Rudy N & Lena Detwiler

SAT FEB 27 - Farm Machinery, Personal Property, Rt 23 E through Goodville turn right onto Bridgeville Rd to 282 Bridgeville Rd , Narvon By David W Martin Kline, Kreider & Good, aucts

SAT FEB 27 - Farm equip Ken Grimes, near Strausstown Zettlemoyer Aucts

SAT FEB 27 - 9-3 Toy Show Farm, construction, trucks, racing, banks, dolls, etc Sugarloaf Fire Co , Inc Rt 93, Sybertsville, Pa between Haxleton and Berwick

SAT FEB 27 - 9AM Located in Juniata Co Exit off Rt 322 at Mifflintown, Pa take Rt 35 N 4 miles to Cuba Mills Rd (follow Brookline Village sign) 1 mile to farm 22 guns, 7 tractors and a full line of farm machinery Glenn L Depew, owner Mark Glick, auct

**NOTICE**
To assure that your Public Sale appears in the Public Sale Section we must have your advertisement by **5 P.M. Tuesday** of each week's publication

**NOTICE!!!**
**Look For Public Sales Scheduled Past Deadline On Second To Last Page Of Section A**

## AUCTIONEER'S DIRECTORY

**John D. Stauffer**
*Auctioneers*
**1484 Mountain Road, Manheim, PA 17545**
Fulltime Courteous Professional Auction Service
Since 1976
Real Estate • Farm Equipment • Antiques
Personal Property • Livestock
Phone 717-665-5099

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**JACK DELP**
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*Specializing in Farms & Land*
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New Holland, PA 17557

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**LLOYD H. KREIDER** AUCTIONEER **717-786-3394**
**ROY E. GOOD, JR.** AUCTIONEER **(717)445-4309**

## ◆◆ 3 AUCTION SALES ◆◆

**PLYWOOD, PLUMBING, DOORS, TOOLS, WINDOWS, OFFICE EQUIPMENT MOLDING, HARDWARE, VEHICLES, TILE, CARPET, RESTAURANT EQUIPMENT**

**TUESDAY, JANUARY 5 - 10 A.M.**
**On Our Premises**
**1825 E. BOSTON AVENUE, PHILADELPHIA, PA.**
* * * * * * * * * * * * * * * * * * * *

**◆ PLYWOOD, ROOFING, DOORS, WINDOWS, SHUTTERS ◆**
1/2" to 3/4" Plywood, Shingles, Roof Paper, 100 Rolls of 24"x5' Aluminum Flashing, 850 Tubes of Caulk, Adhesive, Hex & Face Plates, Anchor & Sea, Tape, 4000' Base Molding, Casing, 1 5/8" to 7" x 14 Deck Screws, Nuts, Bolts, Nails, Peg Hooks, Hinges, Light Bulbs Pre-Hung Steel & Interior Doors, Colonial, S C , Masonite, Pine Doors, Pine & Vinyl Shutters, Louvers, 150 Vinyl Replacement Windows, Locksets, Door Hardware

**◆ OFFICE EQUIPMENT, TOOLS, PLUMBING, RESTAURANT EQUIPMENT ◆**
Hewlett Packard 486DX2 Computer, Konica 4065 Copier, 5 Xerox Copiers, 4 Xerox 7024 Fax Machines, Okidata Docit 4000 Fax Machine, Computer Paper, Printer Labels, Office Chairs, Bookcases, Metal Storage Cabinets, Delta Disc & Belt Sander, Delta Table Top Drill Press, Mini Pack Automatic Packing Machine, Whirlpools, Toilets, Tanks, Shower Stalls, Faucets, Stove Pipe, Tubing, Taylor Slush Machine, Taylor Yogurt Machine, Bunn Coffee Maker, Hot Chocolate Machine, Kitchen Aid Mixer, Peanut Roaster, Grills, Fryers, Steamers, Ice Maker, Stainless Steel Milk Dispensers, Stainless Steel Preparation Tables, Soda Box, Glass & Plasticware, Engine Tester, Transmission Stand, Kerosene Heaters, Paint, Stain, Packaged Plumbing & Electrical Goods, Lamps, Reflectors, Lenses, Mini Blinds

**◆ CIRCUS ANIMAL CAGE WAGON, CHILDREN'S STAGE COACH RIDE ◆**
Circus 8'2' x 3'8' x 4'1" Animal Cage Wagon, Children's Coin Operated Stage Coach Ride

**◆ TILE, FLOOR COVERING, CARPET, VEHICLES ◆**
500 S F Marble Tile, 9,600 S F 1"x2" Ceramic Tile, 10,000 S F Ceramic Tile, 4"x4' to 16" x 16', 10,000 S F Pre-Finished Flooring, 15 Rolls of Berber & Plush Carpet, 1986 Olds Cutlass, 1984 Buick Skylark, Honda ATC 200 X Three Wheeler

INSPECTION MONDAY JANUARY 4 9 A M UNTIL 4 P M
TERMS CASH OR CERTIFIED FUNDS 25% DEP REQ ($100 00 Min)
10% BUYER S PREMIUM ON ALL PURCHASES
VISA OR MASTERCARD ACCEPTED FOR BALANCE OF PURCHASE

* * * * * * * * * * * * * * * * * * * *
**Trustee Sale In Bankruptcy Case No. 98-10902**
**40 VAN TRAILERS, 9 FLATBEDS**
**6 TRACTORS, MOBILE OFFICE**

**WEDNESDAY, JANUARY 6 - 10 A.M.**
**SWEDESBORO PALLET COMPANY**
**THIRD ST. & RAILROAD AVE., SWEDESBORO, N.J.**

INSPECTION TUESDAY JANUARY 5 - 10 A M UNTIL 3 P M
TERMS CASH OR CERTIFIED FUNDS - 25% DEP REQ ($100 00 Min)
COMPLETE PAYMENT SALE DAY

* * * * * * * * * * * * * * * * * * * *
**BY ORDER OF SECURED PARTY**
**RESTAURANT, BANQUET & BAR**
**FURNITURE FIXTURES, EQUIPMENT**

**THURSDAY, JANUARY 7 - 10 A.M.**
**ON PREMISES**
**THE BUCK HOTEL**
**BUSTLETON & BRIDGETOWN PIKES, FEASTERVILLE, PA**

INSPECTION WEDNESDAY, JANUARY 6 - 10 A M UNTIL 3 P M
TERMS CASH OR CERTIFIED FUNDS - 25% DEP REQ ($100 00 Min)
COMPLETE PAYMENT SALE DAY
10% BUYER S PREMIUM

**Established in 1834**
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Philadelphia, PA 19125
**(215) 634-2500 FAX (215) 634-0496**
**PA Auctioneers**
**License No. RY000087-L**

# Dairy and Livestock Sales

**NEW HOLLAND SALES STABLES, INC.**
New Holland, Pa.
Located 12 Miles East of Lancaster, just off Rt. 23

**DAIRY SALE WEDNESDAY, JAN. 6, 1999**
**10:30 AM OPEN & BRED HEIFERS**
**12:00 NOON FRESH COWS, SPRINGERS, BULLS**
**Weekly Consignors**
**• Merle Breneman • Leroy Smucker • Jim Hostetter**
**• Marvin Eshleman • Dale Hostetter • Daniel Z. Stoltzfus**

**Our 1st 1999 DAIRY SALE!!**
**New Year's Sale – Pork & Sauerkraut Dinner**

**Eisenhart Bros. – Complete Dispersal**
Herd has been established in York Co. for many years
**80 COW HERD**
All Holsteins, plus 2 Brown Swiss, and 2 Holstein-Jersey Cross – Approx. Herd Average 19,000 Milk – Last Test at Milk Company was 4.2% B.F. – Year around Test 3.8 B.F.
All AI Sired, and AI Bred –
40% Fresh Last Several Months - 2/3 of Herd are 1st and 2nd Lactations, overall, good young herd – Free Stall Herd That You'll Appreciate
This herd sells for Keith and Rodney Eisenhart
**717-259-7723**

**Please note** Our Regular Shippers plan to have a lot of good fresh cows selling –
**This is our New Year's Sale – Pork and Sauerkraut for all Buyers**

**Note To Consignors!**
Please send all information along with your cattle Tues
Fresh date, breeding dates, milk weights, TB & blood test charts with your trucker.

Sale Managed By
**New Holland Sales Stables, Inc.**
Barn 717 351 1311 Fax 355 0706 Home 717 397 5578
**Norman & David Kolb, Mgrs. 61L**

# PUBLIC AUCTION

**Wed., January 13, 1999**
**9:00 A.M.** **9:00 A.M.**
**Dairy Cows, Horses & Farm Equipment**

**Directions: From Quarryville, take 472 East to Noble Rd. Turn left to Salem Rd., turn left to sale on left. From Strasburg, take 896 South to Noble Rd. Turn right, go to Salem Rd., turn right to sale on left.**

**12:30 PM COWS 12:30 P.M.**
Approx. 30 head Holstein cows in all stages of lactation. 6 head fresh in last 45 days
This is a hard working herd

**MILK HOUSE SUPPLIES**
4 DeLaval milkers with 65 lb buckets, 80 lb bucket, 2 - 55 lb buckets, stainless steel twin tubs, Empire - Corcho L P. heater, Bender washer, washer tub,
40 Dyna Mat Cow Mats

**HORSES**
6 Head Draft Horses broke to all farm machinery, ready to go

**HORSE RELATED ITEMS**
7 sets front gears, 7 bridles, approx 15 collars, set check lines, jockey sticks, 4 set backers

**DIESEL SHED EQUIPMENT**
Model F2L912 2 cylinder Deutz diesel, Waikato W5SS vacuum pump with oil reclaimer (like new), air compressor

**FARM EQUIPMENT**
New Holland 456 mower with 4 cylinder engine and hydraulics (good condition), Model 752 New Idea Crimper, Black Rock Field Sprayer with 5 H P. Honda engine and pump and drop nozzles and wheel extension for tobacco or produce, good condition, New Idea 1-row transplanter, Iva 1-row cultivator (like new), John Deere 640 rake with dolly wheel, Nicholson tedder, 2 - 16 ft. flat wagons with corn sides, McCormick Deering 2 bottom trailer plow, 12 in. bottoms, Pequea manure spreader with tail gate, 10 ft. Brillion alfalfa seeder (good condition), McCormick Deering 1-row corn binder with long aluminum loader and 7 H.P. Honda engine, real good condition, 1-Bottom 2-way plow, 2 auto turn fore carts, 9 ft. cultipacker, 9 ft. log roller, 3 section John Deere spring tooth harrow, 20 KBA disc, 24 ft. portable feeder on wheels, 18 ft. portable feeder on skids.

**MISC. ITEMS**
Approx 11,000 tobacco lath, 3 Minnich tobacco presses, lath holder, stripping room stove, tobacco spears & shears, 12 volt Pel fencer, 500 gal. poly tank portable air compressor, silage cart grain cart, shovels, brooms, forks, 5 gas lanterns, 12 volt Parmak fencer, wheelbarrow; approx. 50 fiberglass fence posts, 2 rolls poly fencing.

**Terms by Stephen S. & Arie F. King**
**126 Salem Rd., Kirkwood, PA 17536**

**Cash or Honorable Pa. Cherck Only**
**All Announcements Sale Day Take Precedence Over All Advertising**
**Not Responsible for Accidents**
**Food on Premises**
**Auctioneer: Mel Hoover**
**AU-003111-L**
**717-354-8397 Home or 717-354-6431 Barn**

## NEW HOLLAND SALES STABLES, INC.

**SPECIAL HORSE SALE**
**FRIDAY, JANUARY 8, 1999**
**9:00 A.M. Tack Sale**
**10:00 A.M. Horse Sale**
**8:00 A.M. Hitching Horses**
**(Weather Permitting)**

**Ward Wright** Shipping a Top Load of Work Horses, Blondes, Reds, Sorrel, Young Pairs That Ward says you'll appreciate –

**Steimers Bros.** coming to town with a Fancy Load of Horsepower – Pr. of gray mares 6 - 9 yrs. old – pr. of Blond Sorrel 7 yr. old mares, a pr. of black 3 yr old, plus many more –

**Max Ledger** sells Big Draft Horses, Good Color

**Billy Meadows** selling pairs that match the best - Dapple Grays, and Blonds all 4 to 8 yrs. old –

**Ronnie Patsel** sending a good load of work horses out of the South!

Several local horses sell – 17 hand, 9 yr. old blonde mare full blaze, bred to an 18 hand stud, - Due in March - Broke to all farm machinery –

**Several Mules** sell – Pairs and Singles - Some shipped and some local mules –

**Driving Horses** will be here from Jerome Wanner, Elam B. Stoltzfus, Stephen Stoltzfus, Bennie Stoltzfus, Christ Z. Stoltzfus, A & S Stables, Plus many others. Local Horses - Expect Those Big Road Horses With Color and Size, Ready for the Road!!

**Please Note** - Have your horses in Thursday, or Friday EARLY!!

**Sale Managed by**
**New Holland Sales Stable, Inc.**
**Barn 717-354-4341 Fax 717-355-0706**
**Home 717-397-5538**
**Norman & David Kolb, Mgrs. 61L**

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SAT FEB 27 - 9 30AM Full line of modern farm machinery, 10 IH Tractors, Owner retiring after 50 yrs along Rt 254 4 miles E of Milton, Pa Owner Fred & Boneta Schnure By Fraley Auction Co

### MARCH

TUES MAR 2 - Fat Cattle Sales Carlisle Livestock Market, Inc , 548 Alexander Spring Rd , Carlisle, Pa

TUES MAR 2 Feeder Cattle Sales Carlisle Livestock Market, Inc , 548 Alexander Spring Rd , Carlisle, Pa

TUES MAR 2-9 00AM Willow St , PA, Terms By Jacob K&Barbara King, Farm Machinery, Holstein Heifers, 7 Head Grey Mules, Stock Bull, Petershiem Auct

WED MAR 3 - 6 30PM Winross, Hess, Farm Trac & Toys - A&C Diffenbach Auction Inc

WENS MAR 3 Samuel L & Rebecca Stoltzfus 221 Cheek Rd, Oxford PA, Farm Equip Milk equip & horses, Mel Hoover Auct

SAT MAR 4-9AM, Cumberland Valley Produce Auction, Annual Farm Machinery, 717 530-5007THURS MAR 4 - Kerchenhill Holsteins - Ray Seidel, Kutztown, Pa complete Holstein milking herd and heifer dispersal Harry H Bachman, Auct

THURS MAR 4- Nancy J Balmer exc for Estate of Henry H Balerm, 1549 Mentzer Rd , Lancaster (Lampeter) Farmmachinery and personal property Kline, Kreider & Good aucts

THURS MAR 4 - 9 AM Located along Rt 897, 1/2 mile N of Rt 30, next to Gap Community Park, Lanc Co , Pa Leon D Kurtz Auct Sale by Clifford & Joyce Blank

Thurs MAR 4-10 AM JD Tractors & late farm machinery G Edward & Connie Miller, Reedsville, PA John Rheam Auct

FRI MAR 5 - 10AM Paul Smucker Mules New Holland Sales Stables, Inc , 101 W Fulton St , New Holland, Pa

FRI , MAR 5-10 00AM, Finch Services, Inc , Westminster Maryland-40 Plus John Deere & Other Tractors, All types of Farm Equip, Golf Course & Ground Maintenance Equip Cochran Auct.

SAT MAR 6 - 11 AM Swan Road Holsteins Complete Dispersal, Rodney Bare, Owner, Atglen, Pa The Cattle Exchange

SAT MAR 6 Farm Items & SAT MAR 20 Building Material, 6 mile SE of Strasburg, along Rt 896, village of Georgetown Bart Twp Fire Co 35th Annual 2 day consignment sale (717) 786-3348

MON MAR 8- 12 Noon Draft Horse Sale New Holland Sales Stables, Inc , 101 W Fulton St , New Holland, Pa

SAT MAR 10 - 9 30AM Public Sale of tractors and farm machinery located at 1900 State Road, Lancaster, Pa Sale by John and Carol Hottenstein, Witman Aucts

FRI MAR 12 - 9AM Tractors, Farm Eq & Supplies A&C Diffenbach Auction Inc

FRI MAR 12 - 1PM State Graded Feeder Pig Sales Carlisle Livestock Market, Inc , 548 Alexander Spring Rd , Carlisle, Pa

SAT MAR 13-8 30AM, Rt 283 Reams Exit, Lancaster, PA Terms By Messick Farm Equip , Consignment Auction Auctioneers Raymond Miller & Jim Hershey

TUES , MAR 16 - Feeder Cattle Sales Carlisle Livestock Market, Inc , 548 Alexander Spring Rd , Carlisle, Pa

TUES MAR 16 - Fat Cattle Sales Carlisle Livestock Market, Inc , 548 Alexander Spring Rd , Carlisle, Pa

TUES MAR 16, 1670 Clay Rd , Ephrata Farm Equip , Butcher Equip, Antiques, HH Goods Paul & Anna Mae Martin Nevin & Andrew Martin, aucts

THURS MAR 18 -10 AM Farm Machinery & Personal Property Loc 403 Harrisburg St E Berlin, Pa From York Take Rt 30 bypass West to Abbottstown, Turn N onto Rt 194 go approx 4 1/2 mile turn right opposite Rife Rd into long lane to 2nd farm York Co Terms by William & Dorothy Ruppert Kreider, Kline & Good Aucts

FRI MAR 19 - 10AM Horse Sale New Holland Sales Stables, Inc 101 W Fulton St , New Holland, Pa

SAT MAR 20-10 00AM Horse Sale 834 Wallace Rd , New Holland, PA Mel Hoover Auct

TUES MAR 23 - 9AM Quilt, Craft & Buggy - A&C Diffenbach Auctio, Inc

WED MAR 24 - 9AM Quilt& Craft A&C Diffenbach Auction Inc

THURS MAR 25 - 1PM State Graded Feeder Sales Carlisle Livestock Market, Inc , 548 Alexander Spring Rd , Carlisle, Pa

THURS MAR 25 - Take Rt 472 south of Quarryville, PA 4 mi, turn left to Bartville Rd, to Pumping Station Rd , turn left to 1st farm Farm Machinery Auction By A Dale & P Fay Herr Kreider, Kline & Good, Aucts

FRI MAR 26 9 AM roman Easter Sale, Rabbits poultry, fowl and eggs Goats, lambs and sheep at 12 30

SAT MAR 27 - Reserved For Important PA Herd Dispersal The Cattle Exchange

TUES , MARCH 30 - 7 30 PM Orthodox Easter Lambs & Goats

### APRIL

TUES APRIL 2 - 7 30 PM Orthodox Easter Lambs & Goats

SATAPR 3-10 00AM Horse Sale 834 Wallace lkRd , New Holland, PA Mel Hoover Auct

TUES APR 6 - Fat Cattle Sales Carlisle Livestock Market, Inc , 548 Alexander Spring Rd , Carlisle, Pa

TUES APR 6 Feeder Cattle Sales Carlisle Livestock Market, Inc , 548 Alexander Spring Rd , Carlisle, Pa

WED APR 7 6 30 PM Winross, Hess, Farm Trac & Toys A&C Diffenbach Auction Inc

FRI , APR 9 - 9AM Tractors, Farm Eq & Supplies A&C Diffenbach Auction Inc

FRI APR 9 - 10 AM Horse Sale New Holland Sales Stables, Inc , 101 W Fulton St , New Holland, Pa

FRI APR 9 - 1 PM State Graded Feeder Pig Sales Carlisle Livestock Market, Inc , 548 Alexander Spring Rd , Carlisle, Pa

SAT , APRIL 10 - The Pride of Pamton, 11 AM Hudson Falls, NY, 75 Head The Cattle Exchange

TUES APR 20 - Feeder Cattle Sales Carlisle Livestock Market, Inc , 548 Alexander Spring Rd , Carlisle, Pa

TUES APR 20 - Fat Cattle Sales Carlisle Livestock Market Inc , 548 Alexander Spring Rd Carlisle, Pa

FRI APR 23 10AM Horse Sale New Holland Sales Stables Inc 101 W Fulton St , New Holland Pa

FRI APR 23 - 1 PM State Graded Feeder Pig Sales Carlisle Livestock Market, Inc 548 Alexander Spring Rd , Carlisle, Pa

## Dairy and Livestock Sales

**NO SALE DEC. 31**

## JERSEY SHORE LIVESTOCK AUCTION

*"Weekly Livestock Auction"*

**Saturday, January 2, 1998**
**Cash Only**
**Time 1:30**

Rt. 44, 2 Miles South, Jersey Shore, PA
814-348-8760 or 717-398-0111

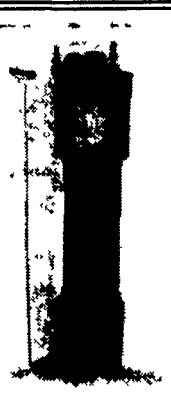
**NEW HOLLAND SALES STABLES, INC.**

**MON., JAN. 4, 1999**

**12:00 NOON**

**(6) Standardbreds sell – Weather permitting, they will be hitched – Selling for Christ Z. Stoltzfus**

**Sale Managed by**
**New Holland Sales Stable, Inc.**
**Barn 717-354-4341 Fax 717-355-0706 Home 717-397-5538**
**Norman & David Kolb, Mgrs. 61L**



# PUBLIC AUCTION
## William S. Jones Estate
## 10 A.M. WEDNESDAY, JAN. 13, 1999
### ANTIQUE FURNITURE - PEAFOWL SPATTERWARE
### REMOVED, FOR CONVENIENCE OF SALE TO
### Ridge Fire Co. Pavilion, Along Rt. 23, Between Phoenixville, PA and Rt. 100

Philadelphia Chippendale Tall Case Clock By Patton & Jones w/Moon Phase Dial. Regina Music Box In Decorated Floor Model Case.Engraved Cranberry Table Lamp. Cherry Drop Leaf Table w/Fancy Legs & Scalloped Top. Pr. Of Brass Bee Hive Candle Sticks w/Prism Laden Drip Collars.Set of 6 Half Spindle Plank Bottom Chairs. Walnut Drop Leaf Table. Windsor Arm Chair. Embossed Dresden Portrait Vase. Pennsylvania Cherry Hepplewhite Fall Front Desk w/Stepper Interior. Pr. Bohemian Ruby Vases. Candle Stand w/Carved Feet And Inlay. Set of 6 Chelsea Bird Plates. Pr. Of Reverse Paintings On Glass Depicting Ships On The Water. Hepplewhite Candle Stand. A Small Collection Of Luster Ware, Including Several Large Embosser Pitchers, A Victorian & Albert Pitcher, Sunderland Jug "A West View Of The Cast Iron Bridge Over The River Wear", Goblets, Master Salts, Cups & Cream Pitchers. Two-Part Banquet Table w/Fancy Legs & Burl Veneer. Two Drw. Drop Leaf Sheraton Stand. Cut Glass Table Lamp w/Shade. Five Loop Back Bamboo Windsor Chairs And One Outstanding 8 leg Sheraton Bamboo Windsor Settee Bearing Brass Tags: "Dr. H.E. Muhlenburg". Blue Thumbprint Water Set. Hepplewhite 4 Drw. Bow Front Bureau. Set of Sterling Silver Flatware In Case. Chippendale 4 Drw. Bureau w/Ogee Feet And Quarter Columns. Cranberry Tumblers, Wedgwood China. Pennsylvania Cherry Corner Cupboard w/2 Arcaded Glass Doors. Lg. Adams Type Pitcher. Inlaid 4 Drw.Hepplewhite Chest. About 40 pieces of Spatterware, Mostly Peafowl Designs. 1812 Liverpool Jug "The Constitution & The Java". Set of 4 Victorian needlepoint Chairs. Coin Silver Tea Spoons. large Double Student Lamps w/green Shapers. Mahogany Ball & Claw Footed Drop Leaf Table. 1930 & 1937 Mary Leister Flora Still Life paintings. Pennsylvania "Dutch" Cupboard w/Two 9 Pane Doors, 3 Drawers Across And Raised Panel Doors Below. Pr. Sunderland Plaques, "Duke of Wellington - 31 Guns" & Mercy, Peace And Plenty". Cherry Hepplewhite 3 Over 5 Drw. Tall Chest Two Sheraton Mirrors w/Reverse Painted House Scenes. Hepplewhite Dish top Candle Stand Parkesburg Lamp. Country Sheraton Stand w/Birds Eye Maple drw. Windsor Fan-Back Side Chair. Cherry Rope Bed w/Rolling Pin headboard. Empire 2 Drw. pedestal Sand. Inlaid Hepplewhite Bureau-Under 38 in. Across The Case. Dusonia Clock In Crystal Case.Chippendale Mirror. Country Sheraton Writing Table. Inlaid Hepplewhite Tall chest w/Overlapping Drws. Handsome Pennsylvania Blanket Chest w/Bkt. Feet & 2 Drws.

**Also :** 20th Cent. Chippendale Mahogany Bedroom Suite w/Dressing Table. Pr. "Early American" Twin Beds, Cherry Stands, Lamps, Etc. Royal Doulton Figurines, Linens, Prints.

We Are Pleased To Have Been Selected As The Auctioneers To Dispense The Estate Of Bill Jones, Co-Founder Of Jones Motor, Inc. And Ridge Fire Company. He Specified That All Furniture Was To Be Restored & Refinished Or Reconstructed Before It Was Placed In His Home.

Exhibition From 8 A.M. Auction Day Only. Impassable Roads Date: Sat. Jan. 16th.

**A 10% Buyers Premium Will Be Applied To All Purchases**

TED MAURER AUCTIONEER

## TED MAURER (AU-000593-L)
***Successful Auction Management***
**Phone 610-323-1573 or 610-367-5024 in Pottstown, PA**

# DENNIS KOLB

## SPECIAL NEW YEAR'S SALE

## 200 • QUALITY HOLSTEINS • 200

## THURSDAY, JANUARY 7, '99 11:00 A.M.

**LOCATION: West of Lancaster on Dairy Road. Take Route 283 West to 741 West and go left at exit.**
**Turn right at Flory Mill, go under railroad overpass and right on Dairy Rd. Barn is within sight of 283 West.**

### SALE CONSISTS OF:

2 Loads of New York State cows milking up to 130 lbs.
2 Loads of Big Fancy Canadians, some purebreds and grades
1 Load of Top Purebred cows and heifers from Bradford & Tioga County
35 Good big 1st calf heifers due Jan. and Feb.
Many mixed breeds and Red & Whites

### SAMPLE OF PUREBREDS SELLING

- A 3 yr. old SINGING-BROOK NB MASCOT ET Dtr. just fresh 2-00 316d 24,233 3.9 957f 3.3 788p, Dam VG-87 MEDAWASKA AEROSTAR Dtr. 4-01 365d 36,309 3.4 1218f 2.8 1003p, next dam BOVA GLOW Dtr. 3-10 331d 26,352 3.7 984f 2.8 725p
- A 2 yr. old Fresh ECSTASY BLACKSTAR INDY ET87% dtr., her dam LYLEHAVEN AMBETEAN Et. dtr. 5-01 353d 3X 33,575 3.9 1319f 3.4 1140p. 1st 5 mths. over 100 lbs. up to 146 lbs. per day.
- A 2 yr. old ECSTACY BLACKSTAR INDY Et. Dtr. fresh, dam BOVA GLOW Dtr. 1-11 3X 327d 26,302 3.8 993f 3.0 794p, next dam 5-00 351d 3X 44,554 1670f 1291p
- A 2 yr. old DE-SIR SECRET JETSTAR TOP GUN Dtr. fresh, Dam DAMSTEAD MEMORIAL DANIEL Dtr. 1-11 305d 15760 3.5 558f 3.1 493p, next dam BELL Dtr. 5-03 305d 22,210 3.8 881f 3.2 714p
- A 2 yr. old FRANLANE LYLEHAVEN JEPARDY Dtr. fresh 3-03 258d 17180 4.4 762f 3.5 596p, next dam ODYSSEY JETSTAR APIRANT ET Dtr.
- A 2 Yr. old Gr. dtr. of BELLTONE, fresh milking 75 lbs. Dam WATSON FARM VALOUR PEPSI Dtr. 3.5 307d 25,599 4.0 1035f 3.1 803p, next dam KINGLEA LEADER Dtr.
- A 2 yr. old WATSON-FARM BELLTONE JACOB Dtr. fresh, her dam VOLENDAIR ROTATE BILLY ET Dtr. 2-00 305d 14041 4.3 604f 3.3 458p, next dam MEL DELON BOUNTONNIERE Dtr. 2-11 338d 16,826 4.9 818f 3.6 601p
- A 2 yr. old ESHDALE SUPERNOVA Et. Dtr. fresh, her Dam JANELAND ELECTRON Dtr. 2-03 302d 15,097 3.6 551f 3.2p
- 4 yr. ASTRO Dtr. (Big & Fancy) due to AEROLINE by sale
- 2 yr. BOULET CHARES Dtr. due Jan. to GRAND SLAM
- 4 Yr. SHOREMAR PHANTOM Dtr., just fresh 3-00 304d 19,751 3.7 729 3.3 643
- A 4 yr. JUNIPER PARK Dtr., due to GRANDVUE TOTAL by sale.
- 2 Yr. COMESTAR LEADER Dtr., fresh milking 75 lbs. a day, high rec. Broker dam
- A 4 yr. HANOVERHILL RAIDER Fresh milking 100 lbs.
- A 4 yr. HANOVERHILL LINCOLN Dtr. fresh milking 95 lbs.
- A 2 Yr. TOWNSON LINDY Dtr. fresh milking 75 lbs.
- A 2 Yr. PEILAS MILESTAR RED Dtr. (Red & White) fresh milking 70 lbs., Dam 2-00 311d 16863 559 500, 2nd dam 4-00 305d 28,032 759 835
- A 4 Yr. JUNIPER PARK Dtr. fr. milking 100 lbs.
- A Purebred Vincent-View Marvation Heifer Calf

### 2 SERVICE AGE BULLS

- PEN-COL DUSTER Son, dam VG-85 4-07 365d 29,220 4.3 1247 3.4 991, 2nd dam 365d 29,010 3.7 1067 3.0 863

**FREE TRANSPORTATION FOR LANCASTER CO. AMISH**
**Please call (717) 569-6800 or (717) 569-2106**
**before noon on Wednesday, Jan. 6, 1999**

**Sale Manager: Dennis Kolb**
**Auctioneer: Paul Snyder**
**(AU-000873-L)**
**Pedigrees: Daniel Albright**

**PA FARM**
**2220 Dairy Rd.**
**Lancaster, PA 17601**

FREE FOOD FOR ALL DAIRY FARMERS

Remember - This is
A THURSDAY DAY SALE

# MONSANTO

*Food · Health · Hope™*

**Proud sponsor of conservation tillage seminars**

TM

## Register to "Win" the use of a 6 Row Zone Till Cart for 1999 Spring Planting

## Come See Us At The Keystone Farm Show – Booth #'s 421-424

**Show this ad & receive a free gift (limited supply)**

**Also Learn About**

Monsanto TVP TECHNOLOGY VALUE PACKAGE

## Added Value! Reduced Risk!

Roundup Ready SOYBEANS

Roundup Ready CORN

YieldGard

Roundup Ultra

## CONTACT YOUR RETAILER FOR DETAILS
## Or Local Monsanto Representative

STEVE FERRARA
**814-353-9146**

STEVE MUSSER
**610-432-3778**

JEFF VANCE
**717-560-8894**

**ALWAYS READ AND FOLLOW LABEL DIRECTIONS.**
Roundup Ultra® will kill plants that do not contain the Roundup Ready® gene Roundup Ready®, Roundup Ultra®, YieldGard®, TVP™ and Food Health Hope™ and the Vine Symbol are trademarks of Monsanto Company

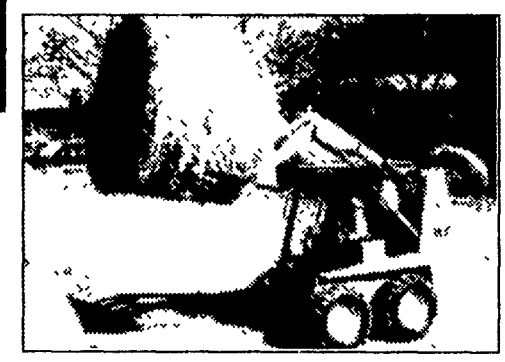
# CHECK OUT THE ALL NEW CASE IH
# X-SERIES TRACTORS
## Rugged, Dependable, Proven

CX80 w/Cab

**ON DISPLAY AT THE KEYSTONE FARM SHOW MEMORIAL HALL – BOOTH 187**

### CASE 1838 SKID STEER

- Heavy-Duty
- Reliable
- Compact
- Well balanced
- Versatile
- Built to last
- Easy to operate
- Easy to service



Rugged Power In Compact Size

**MESSICK FARM EQUIPMENT, INC.**
Rheems Exit - Rt. 283, Elizabethtown, PA 717-367-1319, 717-653-8867

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Visit us on the Internet at *http:/www.casecorp.com*
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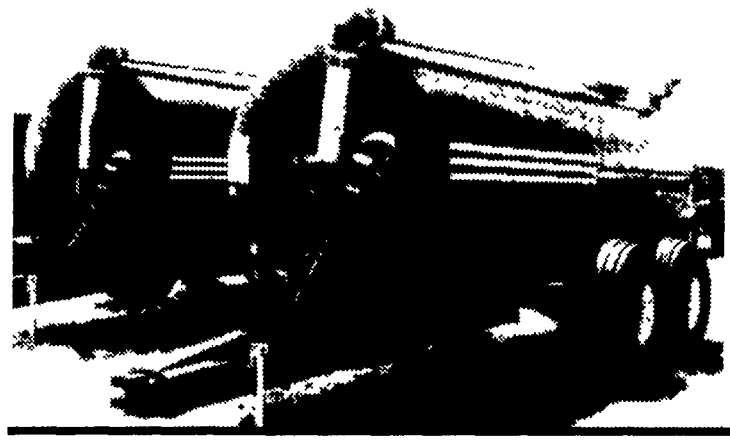
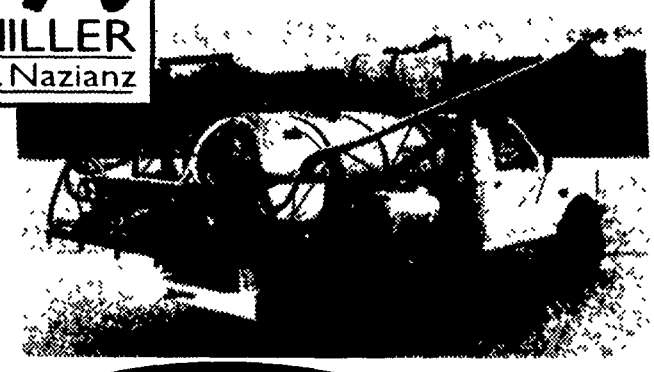
CASE IH



# NITRO

Explosive power and capacity take shape in the NITRO™, built for full season application in the row with *adjust-on-the-go* wheel spacing Unobstructed 6' clear span profile Deluxe John Deere 90 Series cab for superb visibility of front mounted boom 50/50 weight distribution *Air-Flex™* suspension.

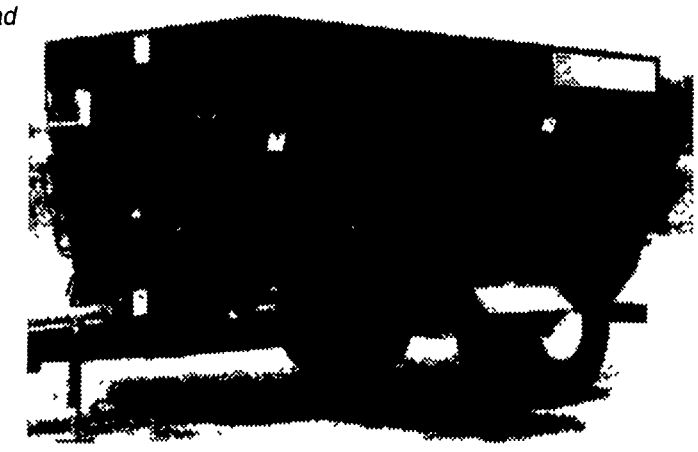
MILLER St. Nazianz



Commercial truck sprayers feature unique Demand Controlled Power System that saves power and fuel, and runs cooler. *Insta-Response* monitoring corrects output instantly.

**WE ARE YOUR FULL LINE SPRAYER DEALER**

- **Forage Boxes**
  *front, rear, combo unload*
- **Dump Boxes**
  *Lift 30,000 lbs , 15 ft.*
- **TMR Mixers**
  *Low profile, 4-auger design*
- **Trailer Sprayers**
  *Patented boom suspension*
- **Rotary Rakes**
  *Heavy duty, U.S. built*
- **Forage Blowers**
  *Fill the tallest silos*
- **Liquid Manure**
  *Tankers & Pumps*



**SEE US AT THE KEYSTONE FARM SHOW**
**JANUARY 5 & 6 – BOOTH 185 - 187 – MEMORIAL HALL**

MILLER PRO

*MESSICK'S*
**SERVING TWO LOCATIONS**

Rheems Exit - Route 283
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RD 1, Box 225A, Abbottstown, PA 17301
West of York, PA On Route 30
717-259-6617

MILLER PRO

# MESSICK'S AT THE KEYSTONE FARM SHOW - JAN. 5 & 6

SERVING TWO LOCATIONS

## SEE US AT BOOTH 170 - MEMORIAL HALL

CAM Spray HI-PRESSURE-WASHERS

**Take a look at these great specials on Cam Spray Pressure Washers.**

*Cam Spray has been manufacturing quality washing systems for the Farm Market since 1971*

**Model 1500**
110 Volt
2.1 GPM @ 1500 PSI
**$459.00**

**Model 1600HX**
5.0 H.P. Honda Engine Car, Soap Tank and 40' Hose
3.5 GPM @1600 PSI
**$598.00**

**Model 25006HX**
6.5 H.P. Honda Engine Cart, Soap Tank and 40' Hose,
3.2 GPM @ 2500 PSI
**$979.00**

2000 PSI Pressure Washer on cart,
4 5 GPM 5 H P. 220 Volt.
Trade-in one only
**$795.00**

**Hot Water Models**

**Model 1500SHDE Hot Water Pressure Washer**
3.0 GPM @ 1500 PSI 3.0 H.P. 220 Volt Electric, 40' hose and 35' power cord.
140 degree temp-rise
**$1995.00**

**Model 3000SHDH Hot Water Pressure Washer**
4.0 GPM @ 3000 PSI
13 H.P. Electric Start Honda Engine
**Needs No Electricity**
140 degree temp-rise
**$3695.00**

2000 PSI HOT WATER Pressure Washer
3.0 GPM 5 H.P. 220 Volt on Cart.
Trade in one only
**$1395.00**

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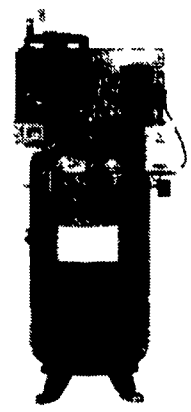
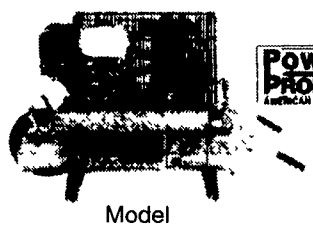
AMERICAN IMC COMPRESSORS

## "Quality You Can Count On!"

American IMC air compressors are 100% factory tested at full pressure to ensure a defect-free product. All two stage stationary machines come with our exclusive Two Year **Bumper to Bumper** Warranty. Units are in stock.

Bel Aire Air Compressor





Model TH5560

POW'R PROFILE

Model 318VL

**SEE US AT BOOTH 170 MEMORIAL HALL**

| Bel Aire | HP | Volt / Phase | Air Delivery (ACFM) | Max PSI | Tank Size | Sale Price |
|---|---|---|---|---|---|---|
| 4520CP | 4 5 | 115/230/1 | 6 8 @ 100 psi | 125 | 20CP | $419.00 |
| 6060V | 6 | 208-230/1 | 13 35 @ 100 psi | 130 | 60V | $695.00 |
| 218V | 5 | 208-230/1 | 15 33 @ 100 psi | 175 | 80V | $995.00 |
| 318VN | 5 | 208-230/1 | 18 50 @ 100 psi | 175 | 80V | $1,175.00 |
| 318VL | 7 5 | 208-230/1 | 25 25 @ 100 psi | 175 | 80V | $1,585.00 |
| **Pow'r Profile** | **HP** | **Engine** | **Air Delivery (ACFM)** | **Max PSI** | **Tank Size** | **Sale Price** |
| TB5020 | 5 | Briggs | 7 41 @ 100 psi | 130 | 8 | $619.00 |
| TH5560 | 5.5 | Honda | 13 35 @ 100 psi | 130 | 8 | $895.00 |
| TV908 | 9 | Vanguard | 18 50 @ 100 psi | 175 | 10 | $1,475.00 |

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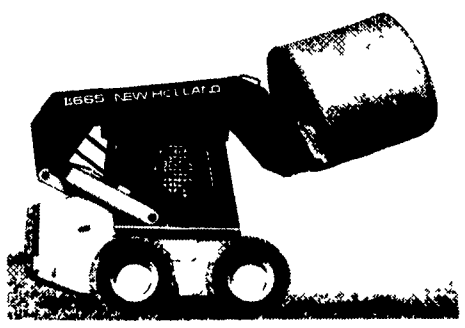
NEW HOLLAND

# MESSICK'S KEYSTONE FARM SHOW BOOTH 187 MEMORIAL HALL

NEW HOLLAND

## Why Choose New Holland?

- **Superior visibility:** no rear frame towers in your way.
- **Unbeatable stability:** longer wheelbase and lower center of gravity. The only skid-steer that can go uphill, going forward.
- **Faster speeds:** every model beats its competitive counterpart.
- **Unequaled dump height & reach:** vertical boom lift path makes it the best.
- **Greater bucket & lift capacity:** longer wheelbase and lower center of gravity lets you lift more, handle larger buckets.
- **The most attachments:** More than 60 attachments available with more coming all the time. Super Boom™ also works with most competitive attachments.

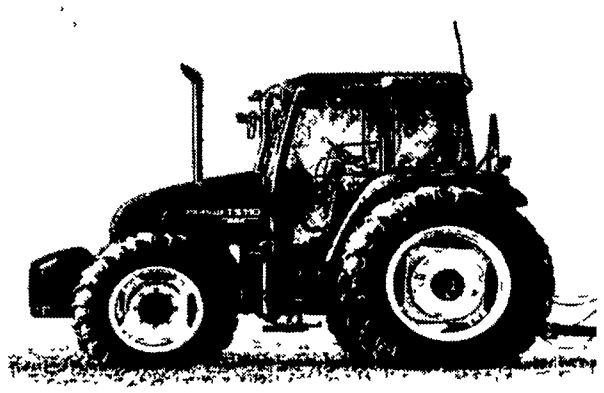



Stop by today and see for yourself why no skid-steer can compare.

## Keeps You Comfortable All Day

The deluxe cab on New Holland 70- to 90-PTO-hp TS tractors is built for all-day comfort. It features attractive new styling and finish, right/left doors, plenty of room, air-ride seat, intermittent action front and rear wipers, tilt/telescoping steering column, plus more glass area - up to 44% more - than competition.

A great cab on a great performing tractor. See us today.



## The Best Warranty In The Business

New Holland makes it right and they're willing to back it up in writing. Only New Holland box spreaders come with Bonded Protection.

- If the steel sides rust, you'll get new ones – **FREE.**
- If the heavy plastic floor boards warp, shrink or wear out, you'll get new ones – **FREE.**
- This guarantee is good for 12 years. . . even to second owners.

Take a close look at one today.

## All New Roll-Belt™ Round Balers

No matter what you're baling or where you're baling it, trust New Holland to have the right Roll-Belt round baler for you.

**Model 638 makes 4-ft. x 4-ft. bales.** Our smallest round baler offers long-lasting value for smaller farms. Although small, it's built tough so you can rely on it for years to come.

## Mow And Condition Worry-Free

It's easy with the "1411" Discbine® disc mower-conditioner. The "1411" offers the perfect combination of mowing reliability, conditioning quality and no-hassles servicing.

- Independent modular cutterbar - eight disc modules are sealed in their own oil and connected by independent drive shafts for easy maintenance or repair.
- 200 hours between disc gearbox oil changes - twice as long as most other models.
- Mows through thick, tangled and wet crops.
- Plug-free performance - no stopping or raising the header for slugs.

Give yourself some peace of mind with the Model 1411 Discbine® disc mower-conditioner

**MESSICK'S**

**SERVING TWO LOCATIONS**

NEW HOLLAND Credit Company

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West of York, PA On Route 30
717-259-6617

NEW HOLLAND

# N.Y. Farm Bureau Members To Enjoy Dividend

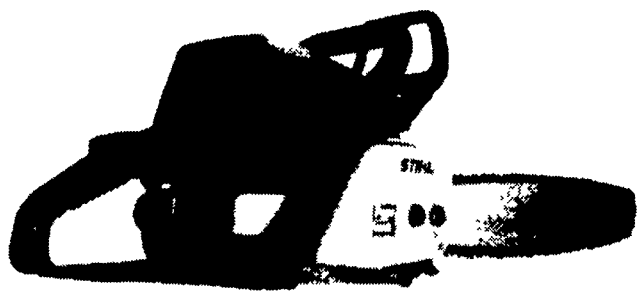
GLENMONT, N.Y. — New York Farm Bureau members will receive a 35 percent dividend refund on their worker's compensation policies, according to Member Services Director Brian Schermerhorn.

"This means that 35 percent of the worker's comp premiums New York Farm Bureau members paid for our Safety Group will be given back to participants of the Safety Group," said Schermerhorn.

"It's been another good year for participants in our Safety Group," he said. "This refund will return several million dollars in premiums back to our members."


got milk?™

What other saws want to be when they grow up.



Model 029 Stihl Super Farm Boss® Chain Saw w/16" Bar
- Designed for rugged farm use
- Side-access chain tensioner
- Adjustable oil pump
- Built-in winterizer kit
- Anti-vibration system reduces fatigue
- Stihl dependability from turf to treetop
- Made in USA

STIHL®
Number One Worldwide

Available at these servicing dealers

**Abbottstown**
MESSICK'S
RD #1 Box 255A
717-259-6617

**Allentown**
LEHIGH AG EQ. INC.
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610-398-2553
1-800-779-3616

**Carlisle**
TRI-BORO CONSTRUCTION SUPPLIES
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1985 haybuster, 10' no-til drill.
1985 JD 7000 6R no-til corn planter.
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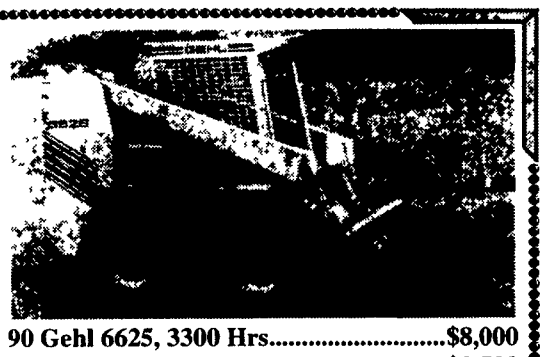

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Ford 4500 Backhoe, Gas, Rebuilt Engine..$5,500
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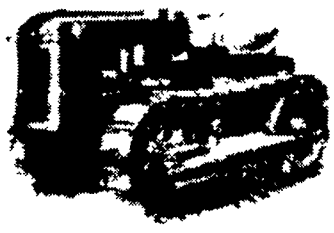

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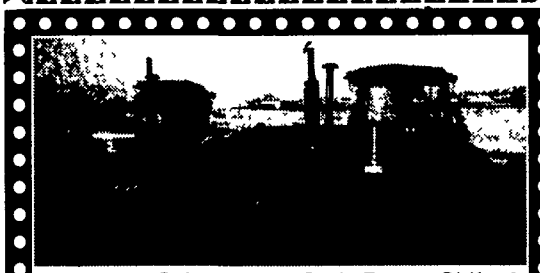

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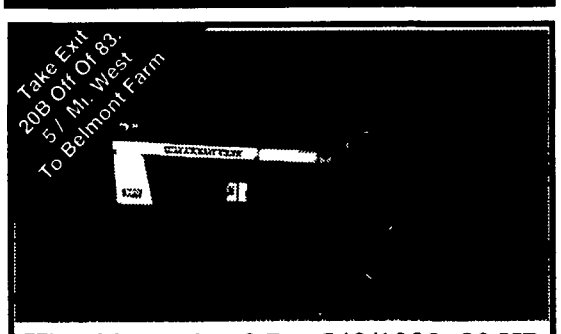


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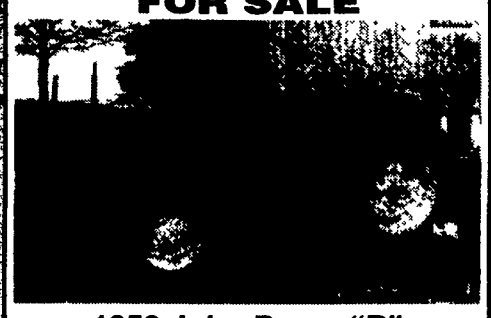

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IH 986 CAH, low hours, runs good, some blowby but sound. Sale priced at $12,700. Zeisloft Eq. 800/919-3322.

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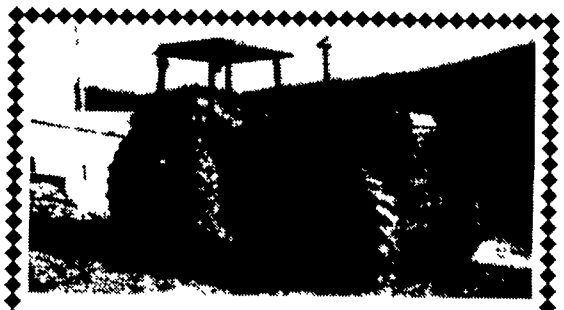

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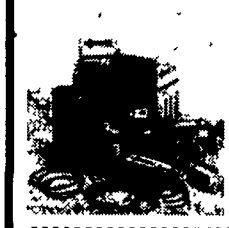

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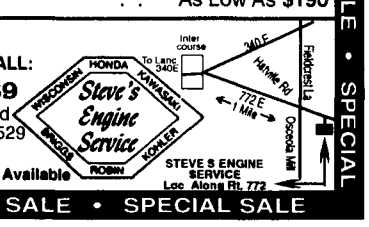


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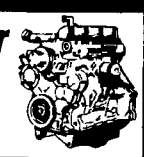

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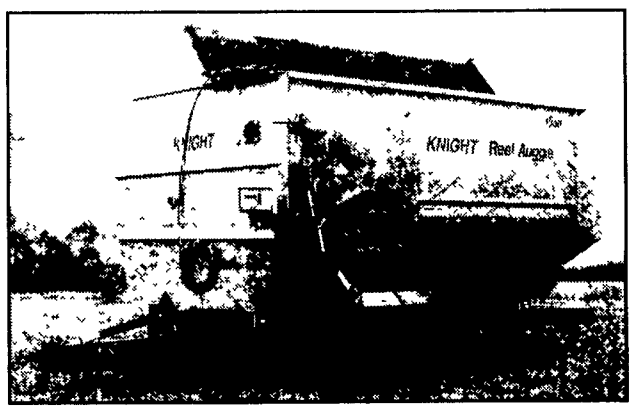


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| IH 56 Corn Planter, 4RN dry fert, late model, nice | $975 |
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| Gehl 100 grinder/mixer, nice | $3,400 |
| NH 354 grinder/mixer, nice | $2,200 |
| Ford NH 155 manure spreader w/tailgate | CALL |
| NH 358 grinder mixer w/scales | $2,500 |
| '82 Dodge Truck w/15' roll b SOLD | $4,800 |
| NI 3622 Manure Spreader, single axle w/tailgate | $2,200 |

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## *Excellent Ford Tractors*

**8670,** cab, air, 4WD, super steer, weights, 4 remotes, 1,000 hrs
**TW10,** cab, air, DP, 18 4x38, weights, 2,800 hrs
**8210 II,** cab, air, 4WD w/Ford ldr, 1,950 hrs
**7740 SLE,** cab, air, 4WD, 18 4x34, 2,600 hrs
**7700,** DP, dual remotes, 18 4x34, 5,800 hrs
**7700,** DP, dual remotes, 16 9x38, 4,800 hrs
**7635,** 2WD, canopy, 24x12, 18 4x34, 450 hrs
**7600,** DP, 1 remote, 16 9x38, weights, local trade
**7600,** DP, roll bar, 18 4x34, weights, 6,200 hrs
**6610 II,** rollbar, DP, 18 4x34, 1,800 hrs
**6610,** rollbar, DP, dual remotes, 16 9x30, 3,400 hrs
**6600,** DP, dual remotes, 540/1000,15 5x38, 3,100 hrs
**5600,** DP, dual remotes, 18 4x34, weights, 4,000 hrs
**4610 II,** 4WD, dual deluxe remotes, Ford QT ldr, 950 hrs
**4610 SU,** 14 9x28, 1 remote, 2,100 hrs
**4100,** diesel, 8 spd, 16 9x24, 1 remote 3,700 hrs
**4100,** diesel, 8 spd, 14 9x28, 2, 000 hrs
**4000,** gas, 8 spd, PS, 13 6x38, 1975 model, 5,400 hrs
**3910 II,** rollbar, 8x4 syncro, 14 9x28, SOLD s
**3600,** diesel, PS, 8 spd w/Ford ldr, 3,800 hrs
**3000,** gas, PS w/Ford ldr, 2 400 hrs
**3000,** diesel, 8 spd, 13 6x28, 5,000 hrs
**1620,** hydro, 4WD w/Ford Ldr, 800 SOLD
**JD 2755,** 4WD, hi low, dual remotes, 1,400 hrs
**JD 2755,** hi-low, dual remotes, R & P axle, 2,900 hrs
**JD 2440,** hi lo, dual remotes w/JD ldr
**JD 2020,** gas, 13 6x38 w/JD 1dr, 3,000hrs
**Case 2290,** cab, air, 1983, 20 8x38R, 4,100 hrs

### *Equipment*

Ford 151 plow, 4x18 btms, auto reset
Sims cab w/enclosure
18 4x38 Ford Axle Duals
Weights to fit most Ford tractors
777D fits 6700 thru 7710 2WD
DUAL 210 fits 7700 & 7710, 2WD & 4WD
JD 145 w/valve, off JD 2030

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**717-949-2123**
Leon
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Lebanon, Pa.

---

NI 708 Uni-system, 1300 hrs, 767 superchopper, 3R-WN corn head, hay head 717/865-4650

OC3 crawler w/loader & blade, good condition, $2500. Farmall M, reconditioned, new paint, $2500 H Farmall, reconditioned, new paint, $2000. 610-298-2486 610-298-2438

Oliver 1855 good rubber, excellent paint, sharp tractor, $8500. 717-259-9109

Oliver model HG crawler tractor, 68" track width, good running condition, good sheet metal, loader with trip bucket, PTO pump with remotes hydraulics. Work or restore $2500. 973-366-3217

Onan Generator set, 12.5KW, propane, w/auto switching, $2000. 717-654-1154 after 5pm

Onan Generator set, propane, 30KW w/auto switching, $3500. 717-654-1154 after 5pm

PARTING OUT 656-D 706 G&D, M,H, Cub, 300, TD9; Also MF 175-D, BURKHOLDER REPAIR (610)683-3428.

Parting out: JD2010. Many other major brands of farm equipment. LEID FARM EQUIPMENT 717-530-9459

Pequea 760 rake inverter, like new, $2500 717-776-7725

Plastic mulch lifter with gauge wheels and uncovering disks, $650. One row ground driven potato digger, $400. (814)364-9482

Post Drivers: Shaver HD8, complete, $1250; HD10, $1950. Ask about delivery. Taneytown Farm Equipment, 410/751-1500.

Rebuilt hydraulic valve assembly for late style JD 4020, 3020, and all 30 series, $475 exchanged. 717-530-9459

Roskamp roller mill/blower, 1000 RPM, excellent for high moisture ear corn or shelled corn, very good condition, $3500. 215-855-1205

Round Baler: JD 435 silage kit, net wrap, good condition, $11,500. (717)867-1227.

Round baler 4x5 Krone Model 160, like new, net wrap & twine, balage or dry hay, $12,500. Somerset Co. 814/443-3017.

SAWMILL, $3795. Free information Norwood Sawmills, 90 Curtwright Drive, #3, Amherst, NY 14221. (800)661-7746.

Save BIG on winter clearance combine sale: Gleaner K $1500; Gleaner F $1850; MF 510 Dsl $1350; MF 550 dsl $5800; Gleaner K $1950; Gleaner F $3450; JD 6600 $5500; JD 4400 $3300; JD 4400 $3950; NI 709 4x4 $7500; NI 708 $4900. Above combines all trade ins, many used this fall. Trucking available. Zeisloft Used Eq, Bloomsburg, PA 800/919-3322.

Silage Processor Rolls from the manufacturer. HORNING MFG. 717-445-6825

Snow Plow for Farmall—H, Heavy Duty $200/obo. Lancaster County (717)687-6844.

SPECIAL CLEARANCE SALE. 30" Sun Film bale wrap, regular price $72, now $67. Per skid of 24, $65/each. Rain-Flo Irrigation, 717/445-6976.

Sprayer 96 precision pull type, tandem axle, 500 gallon, 45' hydraulic booms, foam marker, $7500. 717-259-7744

Super A Farmall w/plow, cultivators, snow blade and chains, nice. $2,675. Lancaster Co, evenings, (717)336-1282.

TANDEM SPREADERS: NI, $1,000. 410-833-9091

NH 555 skid loader, 1990, 900 hours, 6' bucket, 4' forks, all weather heated cab, new tires, and more equipment, $13,500 (973)543-4077.

NH 644 round baler, silage special net wrap, like new, asking $18,500. 970 Gehl tandem axle silage wagon, good condition, asking $5,500 Set of 18.4x38 9 volt axle duals, asking $700. (717)658-6368.

NH 785 skid loader, good condition, $8500 OBO. 717-442-9552

NH hay corn elevator 20x36; 2 row corn planter pull type; 8' landscape rake; 3 point hitch hyd. wood splitter; many oak fence posts. Best offer on all. 610/644-1785.

NH L455 30HP Diesel 2400-Hrs, Cab Enclosure, Runs Good. $6,800. (717)369-4115.

NH L455, gas engine, looks good, runs good, $4500. 717/336-7375, No Sunday Calls.

NH LX 565 Skid Loader 1997 Model, 725-Hrs. $13,500 (717)369-4115.

NH LX885 delux skid steer loader, 170 hrs., 1-year old, boom hyd., weight kit, LP bucket, like new, $22,500. 215-536-3321

NI 361 2-beater spreader w/end gate, $2500; NH 315 baler w/70 thrower used very little, $3500; Billion 14' packer, $1400; Int. 12½' 4500 field cultivator pull-type, real good. Berks 610/562-4464.

**UNNEEDED MACHINERY**

- Case 1835B gas skid loader w/2 buckets & bale forks
- NH 316 baler w/thrower
- NH 258 rake
- Kinze 12R corn planter
- NI tandem axle, 218 manure spreader
- Wooden bale wagon, 16'
- (2) Kreider 20' steel wagons
- Zimmerman 32' bale elevator
- U302 MM diesel

**717-246-0430**

1980 1440 Int Axial Flow Combine, 643 JD 6R corn head 820 Int flex head.

1974 JD self-propelled forage harvester 3RN corn head 7' hay pickup head

1985 haybuster, 10' no-til drill

1985 JD 7000 6R no-til corn planter

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**Agco-Allis 5660, AWD, ROPS w/Ldr**
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**MF Tractor Model 250**
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We Now Have The
**NEW GEHL SL4835**
**Skid Loader**
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**NEW MACHINERY CASH & CARRY SPECIALS**

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| Gehl DC2365 Disk Mower Cond. (only 1) | $14,408 |
| Kub M4700F 2WD Tractor (47 hp) (only 1) | $13,623 |
| Kub M5400SD 4WD Tractor-Ldr (54 hp) (only 1) | $25,444 |
| Kub B7300 HSD 4WD Compact Tractor-Ldr (only 1) | $10,309 |

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Gehl 1560 Forage Blower
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JD 3960 Harvester w/Attach.
Gehl 1060 Harvester
Hesston 7020 Harvester
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Case IH 8370, 14 ft. Hydro. Swing
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OMC 440 Skid Loader
Gehl 4610 Skid Loader (2)
Case 1845C Skid Loader
JD 125 Skid Loader
Case 450B Crawler/Loader
Case 1840 Uni Loader
(3) NH 455 Skid Loader
Case 580C Loader
Case 580 Super K 2WD Ext Hoe
White 478 w/Loader & Log Forks, 4WD
Gehl 3825 Skid Loader
JD 350 Dozer
Case 580E 4WD Ext. Hoe
Gehl 4625 Skid Loader
Case 580 Super K 4WD Ext. Hoe
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Shepherd SOLD ler Packer
NI 382 V Spreader
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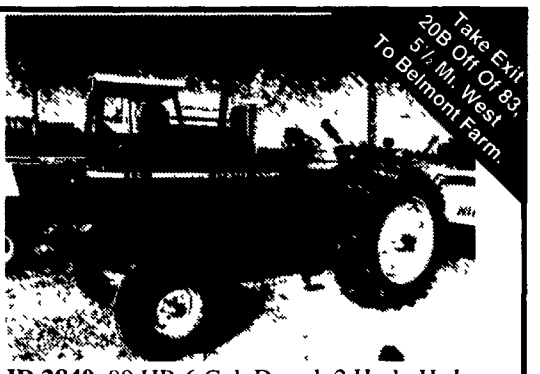


**JD 2840,** 80 HP, 6 Cyl. Diesel, 2 Hyd , Hi-Lo, Diff Lock, Good Looking . . .....**$8,500**

*Also Available*

**JD 401C,** 60 HP, 3 Pt., ROPS, Reverser and Loader . ... .... ..... ..... .. ... ..**$8,500**
**Ford 445,** 4x4 with Loader .....**$11,500**

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**Used Tractors:** AC 220 $8,000, JD 530 $4,300, Case 300 round nose $2,000

**Used Tractor Parts**
**Most Makes and Models Have Large Selection**

Recent Arrivals. Case 970; MM 670; JD 3020; Case 430, Oliver 550; Int 986; IH 986; AC 7060; Case 530; Oliver 550; JD 4020; JD 210; IH 400; IH 504; AC 7010; MM U302; JD 3020; JD 4020; JD 3010; IH SC; JD3010; IH SC; AC D17; IH 656; IH 686; IH 986; IH 1086; JD 4430; JD 2355; Ford 4100

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**MON-FRI 8-5** **SAT 8-12**
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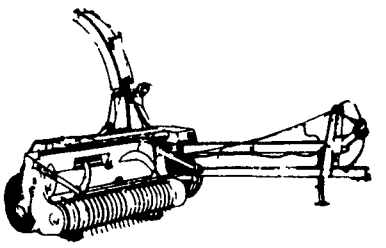

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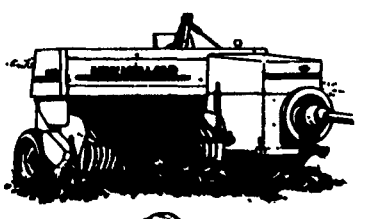

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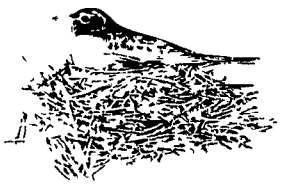
NH Hay & Forage til 1/1/2000



NH LX 565 Skid Loader
NH 28 Blower
NH 185
NH 254 Rake, Demo
NH 456 Mower
NH LX465 Skid Loader
NH 616 Disc Mower
NH 790 Harvester

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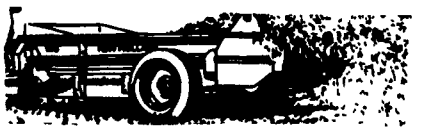

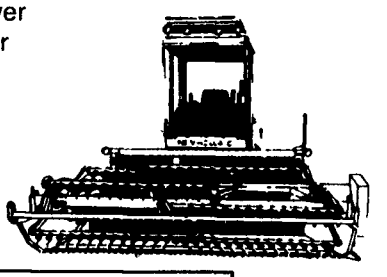

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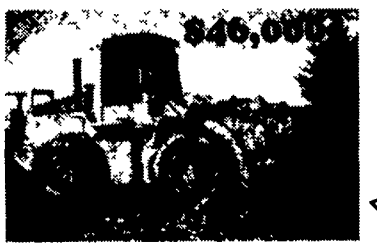
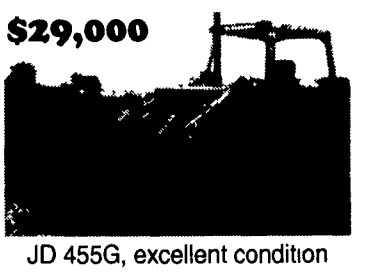
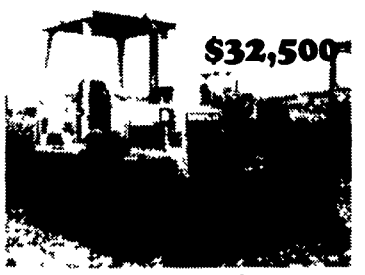


'90 Case 621, excel. cond.

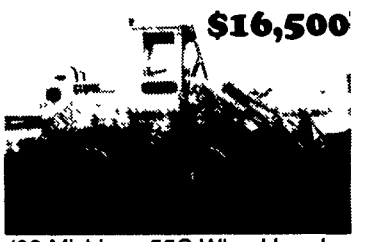


**$29,000**
JD 455G, excellent condition

**All Machines Listed For Sale Are Also For Rent**



**$32,500**
1992 Cat D3C



**$16,500**
'83 Michigan 55C Wheel Loader, rebuilt motor, good cond.

**No Reasonable Offer Refused**
**Custom Repairs On All Makes Industrial & Farm Equipment**

**WE ARE BUYERS FOR CONSTRUCTION EQUIPMENT NEEDING REPAIRS**

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|---|---|---|---|
| 4,000 lb. forklift conversion kit for utility tractors | $1,200 | '91 JD 410D cab, 4x4, standard hoe | $29,000 |
| Case 455C crawler loader | $15,500 | JD 555 crawler loader, good cond. | $16,000 |
| Cat E110B excavator | $25,000 | JD 455G crawler loader, new U/C, excel. | $29,000 |
| '77 Cat 920 wheel loader | $22,000 | JD 550 w/6-way blade, excel. cond. | $19,000 |
| Cat 931 crawler loader backhoe, poor U/C | $9,500 | JD 555B crawler loader, excel. cond. | $24,500 |
| Cat 936 wheel loader | $39,000 | '91 Hitachi EX100 excavator | $26,000 |
| Cat 951C crawler loader | $18,500 | Ford 4500 backhoe | $8,000 |
| '94 Cat 953B crawler loader | $85,000 | '86 Dresser TD7E 6-way | $15,500 |
| '88 Cat 963 crawler loader, 50% U/C, cab | $58,000 | Ditch Witch 6610 trencher w/backhoe, 60 hp, Deutz diesel | $4,500 |

Not Actual Photo

**Bridge Crane, 10 ton 25' span, 1992, excel. con.**

**$8,500**

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NH 2115 4WD Self propelled, forage harvester with Georgetown kernal Processor installed

360 N6 head 1250 hrs. Exc Condition
Never did haylage, no custom work

**$129,000**

Financing Available

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**FOR SALE**

1989 JD 4435 Combine, Straw Chopper, Grain Loss Monitor, Auto Header Height Control.
JD 913 Flex Head
JD 444 4 Row Wide Corn Head, Hi Tin
JD 443 4 Row Narrow Corn Head, Hi Tin
Massey Ferguson 505 Bale Carrier
2 - Grainovators with Rear Unloading Augers
10' Galion Dump Body, Cab Shield, 26,000 Lb. Hoist

**(540) 592-3896 Lv. Message**

**717-776-7725**

TRENCHER TRACTOR JD 401B, diesel w/front angle blade, $4,800. 410-833-9091

Twin disc clutch, #C107-SP5, rebuilt, fits 4.108 Perkins diesel, BO. 717-687-8194

USED TRACTOR PARTS, also rebuilt clutches and torques. We ship UPS. Hill-T Farm Inc., 4295 Richmond Palestine Road, New Madison, Ohio 45346. 937-548-0718.

V8 irrigation motor and pump, good condition, asking $800. Call (609)697-2004.

NH 1495 self-propelled haybine, repainted, good cond $4,200

(4) thrower haywagons, 1 metal, 3 oak, good running gear $400-$1,250

5b JD plow $600

12' disc $500

Ford 4000 diesel tractor . $3,500

Fertilizer seeder 3pt hitch . . $100

*No offer refused*

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# Clugston

JOHN DEERE

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**Ag & Turf, Inc**

**3213 Black Gap Rd.
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**USED TRACTORS**

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|---|---|
| JD 2640 w/146 Loader | $13,500 |
| Ford 7740 w/Loader | $29,900 |
| (2) JD 4320 w/cab | $11,900 ea. |
| JD 6200, MFWD, w/Cab | $28,900 |
| JD 5300, 520 Loader | ~~$20,900~~ $20,500 |
| JD 4050, MFWD | $31,900 |
| JD 7800 MFWD | ~~$64,900~~ $59,900 |

**USED COMBINE**

| | |
|---|---|
| JD 4420 w/443 head | $15,900 |
| JD 6620 Sidehill | $24,900 |
| IH 1660 w/Heads | $38,900 |
| JD 9500 | $52,900 |

**USED HAY & FORAGE**

| | |
|---|---|
| JD 3830 w/16' Head | $19,900 |
| JD 100 Square Baler | Returned From Rent |
| (2) JD 6710 SPFH | CALL |
| JD 375 Round Baler | $8,700 |
| JD 385 Round Baler | $10,900 |
| JD 435 Round Baler | $10,900 |
| JD 535 Round Baler | $11,500 |
| JD 3960 | $5,500 |
| JD 3970 | $9,900 |
| JD 1600, 14', updated to 1600A | $12,900 |
| NI 5112 Mid Pivot | $7,600 |

**NEW EQUIPMENT IN STOCK**

JD 6405, 7405 MFWD
JD 5410, 5510 MFWD
JD 7410 MFWD, Cab/PQ
JD 5510 N
JD 6410 MFWD w/Cab, PQ

**HAY EQUIPMENT**

JD 328, 348 Square Baler
JD 446, 456
820, 925, 935, 945, 955 Moco

**FORAGE**

Miller PRO 5200 forage boxes
Richardton 700
JD 6750 SPFH

**CORN PLANTERS**

1750, 6RN

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**TRACTORS**
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- **CIH 8920, 210 Hrs. - Comng In**
- **CIH 8940, 330 Hrs. - Coming In**
- **CIH MX 110 MFD, Cab Loader - (Coming In)**
- **CIH MX 110 MFD, ROPS, Rental Return**
- CIH 5120, Low Hrs
- CIH 7120 - $31,000
- CIH 5240, 1,200 Hrs.
- CIH 585 w/2250 Loader
- CIH 885
- Case 995
- Case 1690
- Case 2290
- **CIH 7220 - $57,000**
- **CIH 7220 - $54,000**
- IH 140
- IH 404
- IH 1466
- IH 966 Hydro
- IH 986, Cab
- Farmall "C"
- **AC 8070 4WD, PS**
- **Ford 9N**

**HAY EQUIPMENT**
- CIH 8455 Round Baler
- JD 510 Round Baler
- JD 328 Baler (like new) Coming In
- NI 486 Round Baler
- Hesston 4600 Baler
- Owanta 7 ft. Haybine
- MF 9 ft. Mower
- NH 116 Hay Mower, 16 ft.
- Hesston 1091 Mower Conditioner
- Hesston 1160 12 ft. Mower
- JD 1219 Mower Conditioner
- Hesston 1150 12 ft. Mower
- IH 1190 Mower
- NI 290 Mower
- NI 5209 Mower
- 6 ft , 3 pt Disc Mower
- 7 ft., 3 pt. Disc Mower
- Deutz Disc Mower
- IH 35 Rake
- JD Bar Rake
- Pequea Hay Tedder

**SKID LOADERS**
- Case 1825
- Case 1835C (M S ) - $6,500
- (2) Case 1840
- Case 580B

**MISCELLANEOUS**
- Century Sprayer, Tandem Axle (like new)
- Harvest-Tec Platform Feeders
- 8x52 Grain Auger - $2,300
- Zimmerman 36 ft. Elevator
- Buffalo 40 ft Elevator
- 30 ft Elevators
- **Case IH 600 Blower**
- **Gehl 1540 Blower - $800**
- **Gehl 1580 Blower, 1000 RPM - $500**
- Farmhand Grinder Blower
- Gehl 99 Blower - $150
- IH 56 Blower - $150
- JD 7000 6R Planter
- White 5100, 6RN Planter
- UFT No-Till Drill
- IH 24x6 Drill w/Press Wheels
- JD 8350 Drill - 21x 7
- JD KBB 13x 7 Drill
- (3) Weaverline 430 Cart
- NI 244 Spreader
- Gehl 322 Spreader
- NI 3222 Spreader
- Miller 4200 Gal Spreader
- NI 213 Spreader
- IH 1250 Grinder/Mixer
- Farmaster TMR
- Woods 7 ft. Rotary Mower
- Woods 6 ft. Rotary Mower
- Zimmerman 24 ft Trailer
- 18 ft , 2-Axle Trailer
- 3 pt Bale Shredder - $500
- **5 ft. Snow Blower - $1,400**
- **7 ft. Snow Blower - $1,900**
- **8 ft. 4" Snow Blower - $2,500**
- **9 ft. Snow Blower, 1,000 RPM - $3,900**
- JD Axle Duals - 20.8x38
- IH Axle Duals - 20 8x38
- Clamp-on Duals - 16 9x38
- Used 18.4R38 on Rims - 80%
- Used 18 4x34 on Rims - 90%
- Used 18.4x38 on Rims - 25%

**HARVESTING EQUIPMENT**
- Hesston 7150 Harvester
- Hesston 7020 Harvester
- Case IH 8720, 3RN, 6 ft Hay (Like New)
- **Gleaner R-62**
- Gleaner M Combine, 6RN, 16' Platform
- Gleaner 20 ft Flex
- Fox Harvester Heads - 2 RN
- **JD 4420 Combine w/213 Flex**
- (2) NI 2-Row Corn Picker
- NI 7R Picker
- NI 838 Corn Picker
- 4-30 Gleaner Head
- NI 774 Corn Head
- NI 4RN Corn Head for Uni Picker
- NI 766 Hay Head
- NI 802 Uni
- NI 803C w/6200 4RN
- NI 818 Combine
- NH 790, Metal Alert, 2 Heads
- NH 7 ft Hay Pickup
- JD Dump Box
- **Miller Pro 4100 Wagon**
- NH 8 Tandem Wagon
- (2) Gehl 960 Wagon (Coming In)
- Gehl 710 Wagon
- JD Forage Wagon
- (2) Dion Tandem Wagons (nice)

**TILLAGE**
- IH 550 5 Bottom Plow
- IH 6 B18 Plow
- JD 3 Bottom Trailer Plow
- MF 4 Bottom Plow
- IH 4 Bottom Plow
- IH 370 12 ft. Disc
- Krause 18 ft Disc
- AC 20 ft Wing Disc
- IH 12' Field Cultivator
- JD 4 Row Cultivator
- JD 14 ft. Field Cultivator
- IH 14 ft. Disc Harrow

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**1-800-362-3132**

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**NEW EQUIPMENT IN STOCK**

| | |
|---|---|
| 9510 Sidehill | 450 Drill |
| 7810 MFWD Tractor | 3970 Harvester |
| 820 MoCo | 1770 12 R Planter |
| | 1560 Drill |

**CLEARANCE SPECIALS**

| | |
|---|---|
| JD 3970 w/Hay PU | $13,000 |
| IH 830 w/2R Corn Head & Hay PU | $6,000 |
| JD 955 MFWD 72" Mwr, 70A Ldr. | Call |
| JD 955 MFWD, 72 Mwr., 70A Ldr., 7 Backhoe | Call |
| JD 650 4WD w/60" Mid Mount Mower | $7,500 |
| Ford 5000 Selectospeed w/7210 Loader, Joy Stick, 2 Buckets | $10,500 |
| JD 750 MFWD, 600 Hrs, 60" 3pt Mower, 60" Front Blade, Very Clean | $9,000 |
| Ford 3930 MFWD, Shuttle Shift, 2000 hrs. | $17,000 |
| White 2-70 Open Station Tractor | $11,500 |
| Ford 1720 w/Loader & Backhoe | $16,900 |
| JD 5400 MFWD, Open Station | $22,500 |
| Farmlund Bale Wrapper, Coming Off Rent | $6,600 |
| New H&S 16' 3 beater forage box on 12-ton running gear | $9,500 |

**USED GARDEN TRACTORS**

| | |
|---|---|
| JD 445, 130 Hrs , 60" Mower, 3 pt , Rear PTO, 450 Tiller | Call |
| JD LX176 w/38" Mower | $2,700 |
| JD 318 w/50" Mower | $4,250 |
| JD 455 w/60" Mower, Demo Machine | Call |
| JD 725 w/54" Mower, 60 Hrs | $7,900 |
| JD LX 188 w/48" Mower | $2,700 |
| JD 210 w/38" Mower | $1,850 |
| JD LX188 w/48" Mower & Snow Thrower | $3,700 |
| JD 170 w/ 38" mower | $1,995 |
| Kwick Way loader for JD 400 series garden tractor, new condition | $2,300 |

**USED COMBINES**

| | |
|---|---|
| JD 215 Flex Head | $1,500 |
| JD 213 Flex Head | $3,800 |
| JD 4400 Combine, Dsl w/443 Corn Head | $8,800 |
| JD 444 Corn Head | $4,800 |
| 1996 JD 9500 Contour Master, 4WD | $125,000 |

**WINTER CLEARANCE SALE**

| | |
|---|---|
| JD 750 10' No-till Drill, w/dolly wheels | $12,800 |
| JD 750 10' No Till Drill, grass seed, dolly wheels | $13,800 |
| Danuser F8 Post Holl Drill | $1,300 |
| NH 1495 12' SP Mower Conditioner, needs rolls | $7,500 |
| JD 450 Spreader | $3,500 |
| Woods 315 15' Batwing Mower | $5,500 |
| Woods Model 315 15' Batwing Mower | ~~$5,750~~ $4,950 |
| JD 875 4R Minimum Till Cultivator, Like New | $3,850 |
| JD 7200 12R Corn Planter w/Liquid, Unit Mounted Coulters | $23,000 |
| Wu's 4x4 Cart | $2,600 |
| JD KBA, 13' Disc | $1,550 |
| JD 8300 21x7 Drill | $5,200 |
| JD 8250 10' Drill | $2,975 |
| JD 8300 21x7 Drill | $5,800 |
| IH 5100 10' Drill w/Fertilizer | $3,900 |
| (2) JD 653A Row Crop Heads | $2,000/pair |

**USED HAY EQUIPMENT**

| | |
|---|---|
| NH 57 3 pt Rake | $1,675 |
| Hesston Model 1090 Mower Conditioner | $1,500 |
| NH 411 Discbine | $6,700 |
| NH 499 Hydra Swing | $5,800 |
| JD 1600 12' Hydra Swing Mower Conditioner w/new Roll | $7,500 |
| JD 535 Round Baler | $13,500 |
| NH 271 Baler w/ Thrower | $2,200 |

**JANUARY SPECIALS**

| | |
|---|---|
| H&S 3302 H.D. Spreader w/Lid, 680 Bu. Cap., New Condition | $18,000 |
| Ford 60" 3 pt. flail mower, never used | $2,300 |
| Landpride 48" Over Seeder | ~~$5,000~~ $4,000 |

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⅞" diameter
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New 616 Disc Mower
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Used 310 Baler w/Thrower
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**Thrower**
54, 70, 75

**Haybines**
469, 479, 488 489, 499, 1495, 411 Disc bine
463 Disc Mower

**Forage**
**1895 harvester,** 718, 770 880, 890 N3 1880 1890 Harvester heads 880R2 717N2 890A, 890W 822 #8 Crop Carrier
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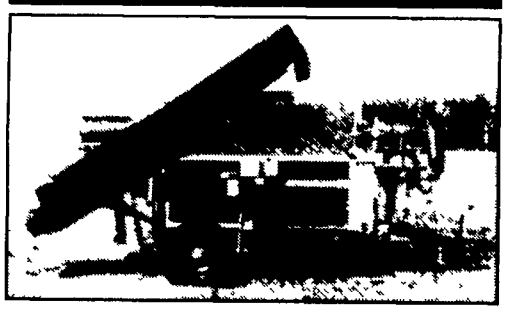

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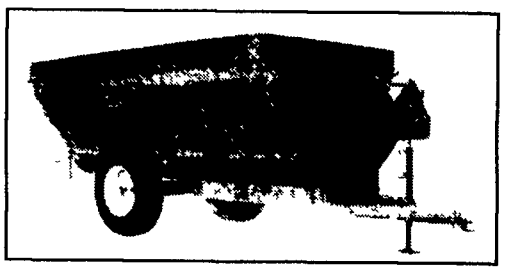

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| | | | |
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| 2.5 HP | G100 | Recoil | $235 |
| 4 HP | GX120 | Recoil | $280 |
| 5.5 HP | GX160 | Recoil | $295 |
| 6.5 HP | GX200 | Recoil | $345 |
| 9 HP | GX270 | Recoil | $465 |
| 11 HP | GX340 | Recoil | $545 |
| 13 HP | GX390 | Recoil | $565 |
| 18 HP | GX610 | Recoil Tank Muffler | $1135 |
| 20 HP | GX620 | Elec Start Tank or Fuel Pump | $1295 |
| 5.5 HP | GX160 | Elec Start | $416 |
| 9 HP | GX270 | Elec Start | $605 |
| 11 HP | GX340 | Elec Start | $660 |
| 13 HP | GX390 | Elec Start | $680 |

**Add For Shipping on Motors**
2.5 hp to 9 hp – $10.00
11 hp to 13 hp – $25.00
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*Send Check With Order*

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**All Units Have Oil Alerts Except 2.5 & 5.0 HP**

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|---|---|---|
| Simplicity 22-20 22 HP Trailer Style Chipper | | $4,500 |
| 3180 | 15' Mower, 1000 RPM, Solid Tires, Stump Jumpers | $8,900 |
| 6215 | 21 HP Mow'in Machine, 61" Deck | $8,900 |
| M172 | 6' Single Spindle Tailwheel, Stump Jumpers | $2,150 |
| M160 | 6' Single Spindle Tailwheel | $1,175 |
| RM550 | 5' Three Spindle | $1,850 |

**USED EQUIPMENT**

IH 244 4 Wheel w/F35 Mower
TO 20 MF w/Loader
Cub Cadet 2072 w/60" Mower
Cub Cadet 2182 w/60" Mower
Cub Cadet 1863 w/44" Mower
NI 3639 Spreader
NI 888 Baler
Case Hay Rake
Kuhn 300 Mower/Cond.
Kuhn GRS25 Rake/Tedder
Ford 7' Mower - 3 pt. Hitch

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## $$ Save Thousands $$

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**White 6410,** 70 HP, Shuttle Trans., ROPS
~~$32,900~~
**$22,900**

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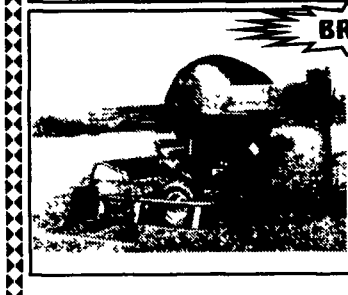
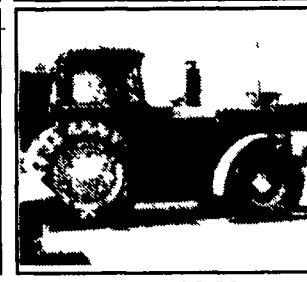
**White 6510,** 85 HP, MFWD, Shuttle Trans., Cab, Air, Heat, ~~$44,900~~
**$34,900**



**BRAND NEW**
**TANCO S-W2550, Bale WRAPPER** Trailer Type Loader Arm w/Monitor 20", 30" Wrap
~~$14,700~~
**$10,900**



**JD 4955-MFWD,** New radial Rubber, 20.8x42/16.9x30 Weights, 3-Remotes, Axle Duals, 1 Owner, Absolutely One of the Cleanest Used Tractors On the Market!
**$59,900**

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| | |
|---|---|
| Ford 7840, Power Star, SLE, MFWD, CAB, 3800 Hrs. | $28,500 |
| Ford 2110 MFWD, 35 HP, Loader w/Bucket & Forks, 700 Hrs | $12,500 |
| MF 699 Cab, MFWD, Creeper Gear... | $18,900 |
| MF 2705 Cab, Power Shift, 28 8x38 | $7,500 |
| Deutz 6275, ROPS, 70 HP, w/Deutz Loader, 1 Careful Owner. | $12,900 |
| JD 4320 Cab, 20 8x38, Clean | $9,600 |
| IH 1486 Cab, 540-1000 PTO, 2 Remotes | $7,900 |
| Oliver 1550 Diesel, Wide Front, 55 HP | $3,500 |
| IH 886, Cab, 540-1000 PTO, 2 Remotes | $7,900 |
| IH 1066, ROPS, 540-1000 PTO, 2 Remotes | $6,900 |
| IH 856, Cab, 540-1000 PTO, 2 Remotes, Nice! Come See You'll Like It.. | $9,900 |
| IH 856 New Motor | $7,900 |
| IH 686 ROPS, 75 HP, 3200 Hrs | $9,500 |
| Zetor 5211 w/Allied 394 Loader, 40 H SOLD | $4,900 |
| Case 930 Wheatland w/M&W Turbo | $2,900 |
| IH 756 Gas, Wide Front, 3 Pt , Just Traded | $3,900 |
| Universal DT850 Cab, MFWD, 85 HP, 2000 Hrs., Cheap! 4x4 | $7,900 |
| Ford 3400 Forklift, ROPS, Side Shift, Gas | $6,500 |
| JD 2350, 2,600 Hrs | $12,500 |
| Badco Hd9 Backhoe, Attachment fit NH Sid Steer | $4,900 |

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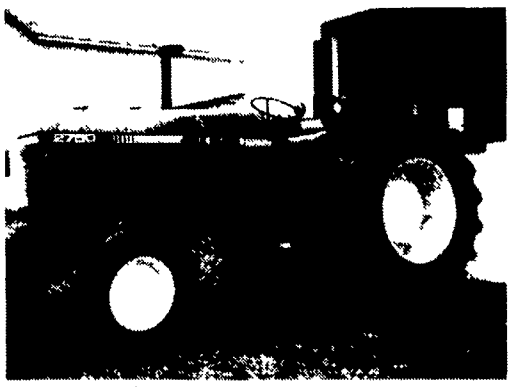

**JD 2750, Hi & Lo, 2 hyd., 4512 Hrs., Nice $13,700**

**TRACTORS**

| | |
|---|---|
| JD 6300, Synco Plus, Dual Hyd, Rack & Pinion, 1 Owner, 2,300 Hrs | $18,750 |
| JD 6400 4x4, Syncro Plus, 540 & 1000 PTO, 3,850 Hrs | Coming In |
| JD 2755 Cab, Heat, Air, 540 1000 PTO, 3 Hyd w/Ind 110 Loader. SOLD | $16,500 |
| JD 2950 ROPS, Hi-Lo, 2 Hyd , 18 4x38 Tires | $13,800 |
| JD 2750 Hi & Lo, Dual Hyd , 4512 hrs , nice | $13,700 |
| JD 4000 diesel, 18 4x34 tire, syn range | $8,500 |
| IH 686 dsl , 2 hyd | $6,600 |
| MF 175 Diesel, 63 HP | $5,900 |
| IH 856, 3 Pt , 18 4x34 Tires | $6,750 |

**ANTIQUE TRACTORS.**

| | |
|---|---|
| JD 70 gas Factory WFE & 3 Pt | $3,300 |
| JD 50 | $2,500 |
| JD 520 P S | $2,750 |
| JD B | $1,275 |

**FORAGE EQUIPT.**

| | |
|---|---|
| Gehl 970 Forage Wagon, 3 Btr , Roof, Tandem Axle | $5,250 |
| CIH 600 Blower (key update) | $2,850 |
| JD 3970 Harv Ele Controls (Green Spout Model) | $6,950 |
| Gehl 960 Wagon 16' 3 BTR & Roof | $2,400 |
| JD 3950 Harv Electric Controls, Hyd Tongue, 1989 Model | $5,800 |
| IH 600 Blower | $2,200 |
| NH 782 Harv Elect Controls | $2,350 |
| Gehl HA 1210 Hay Head SOLD | $1,450 |
| FNH 40 Blower (nice) | $2,100 |
| JD 3970 Harv , Elect Controls, New Knives & Shear | $5,900 |
| JD 3940 Harv , Elect Controls, Nice | $4,250 |
| JD 3960 Harv, Elect Controls | $3,800 |
| Gehl 1560 Blower, 1000 RPM. | $975 |
| NH 890 Hay Head, 7' for NH 790 Harv. | $1,275 |

**MANURE SPREADERS**

| | |
|---|---|
| NI 364 Tandem Axle, 390 Bu , Nice | $3,650 |
| FNH 185, Tandem Axle, Endgate, 287 Bu , Nice | $4,250 |
| Gehl 309 Scavenger, 900 gal | $1,950 |
| NI 3622, 220 bu w/tailgate | $2,200 |
| Avco New Idea 382 Scavenger | $2,200 |

**N.I. UNI SYSTEM EQUIPT.**

| | |
|---|---|
| NI 802C w/Cummins Eng., Grey, 4x4, 2,075 Hrs., Very Nice | $19,200 |
| (2) NI 6504 4x30 Corn Hd..... | $5,300 & $6,300 |
| NI 839 16 Roll Husking Bed (grey) | $3,600 |
| NI 708 Tractor, 930 Hrs., Very Nice | $7,300 |
| NI 839 Husker w/16 Roll Bed w/Feeder Housing & Elevator, Nice | $3,200 |
| NI 844N 4RN Corn Head | $1,250 |
| NI 737 Husker Hyd Drive Elec , Nice | $1,500 |
| NI 7135 Grain Head (Flex), 13' | $1,500 |

**CORN PLANTERS**

| | |
|---|---|
| White 5100, 4R, Liquid Fert | $3,600 |
| JD 7200 Conservation 6x30, Vac, Liquid Fert , Trash Wippers | $9,700 |
| JD 7200 Conservation 6x30 Vac, Dry Fert, Frame Mount, No Till Coulters | $11,500 |
| JD 7200 6R, Dry Fert , Insect Mon Vac | $7,900 |
| White 5100 6x30 Liquid Fert , Monitors | $5,100 |

**SKID LOADERS**

| | |
|---|---|
| Gehl 6625 SX w/Cab Enclosure | $11,500 |
| Gehl 4625 SX, 42 HP, 2239 Hrs | $9,800 |

**CORN PICKERS**

| | |
|---|---|
| NI 323, 1 Row | $1,850 |

**GRINDER/MIXERS**

| | |
|---|---|
| Gehl 170 Hyd Dr w/Scales Mid Auger (Front of Mill Has Rock Rust) SOLD | $2,850 |
| Farmhand 817, 100 Bu. | $1,800 |

**HAY EQUIPT.**

| | |
|---|---|
| FNH 316 Baler, Hyd Tension (Low Wear) Excellent | $4,800 |
| JD 336 Baler w/30 Thrower, Nice. | $3,200 |
| Ford NH 492 Haybine, 9' Ft Cut, Nice | $6,200 |
| JD 335 Round Baler, 4x4 Bale, nice | $7,400 |
| FNH 575 Baler, w/Hyd Tension, Turn Chute | $6,100 |
| NH 492 Haybine Hyd Tongue | $4,150 |
| FNH 326 Baler w/Turn Chute, Nice | $5,100 |
| FNH 855 Round Baler | $4,500 |
| NH 316 Baler w/Hyd Dr 70T | $6,250 |

**MISC.**

| | |
|---|---|
| JD 148 Loader w/Valve, Utility Mtds | $2,450 |
| (6) White 5100 Air Planter Units | $250/ea. |
| JD 146 Loader w/Valve, Utility Mtds | $2,600 |
| Eng Powered Hi Press Washer, 1500 Lb | CALL |
| 500 Gal In-Line Tank Sprayer, No Pump | $800 |
| 500 Gal Sprayer In-Line Tank. | $1,275 |
| Laurin Cab to Fit JD Trac, H&R. | $200 |

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**8920 MFD 160 HP**
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$807.00/Month
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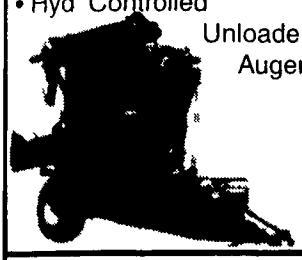
- 150 Bu.
- Scales
- Flotation Tires
- Folding Ext. Auger
- Hyd Controlled Unloader Auger



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- Featuring New Heavy-Duty Disc Openers
- 20x6 Double Disc Openers
- Press Wheels • Grain Drill Tires
- Acre Meter
- Soybean Package
- Grain View Cups
- Grass Seed Attachment

In Stock Ready To Drill

The Best Soybean & Grain Drill On The Market

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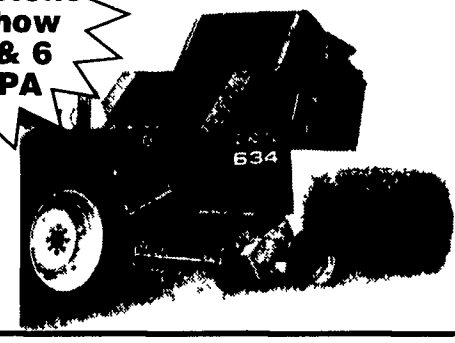

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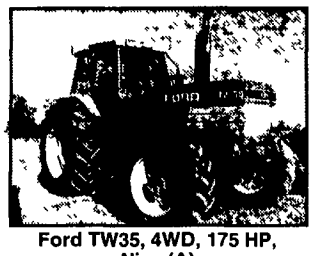
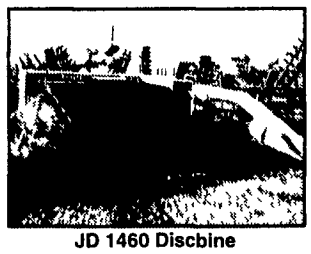
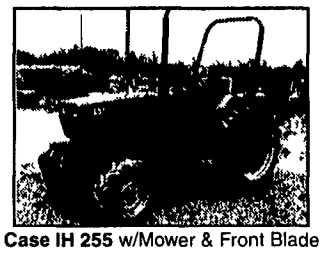


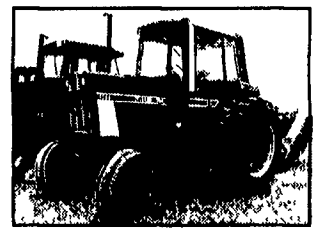
**Ford TW35, 4WD, 175 HP, Nice (A)**



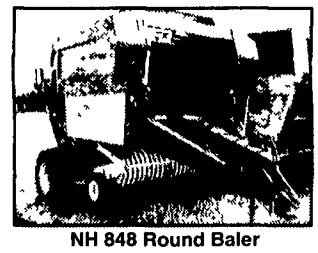
**JD 1460 Discbine**



**Case IH 255** w/Mower & Front Blade



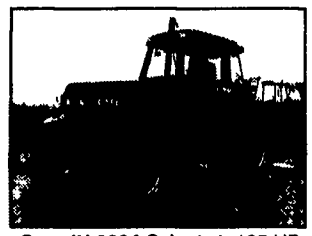
**IH 1086 Tractor w/Cab,** Excellent



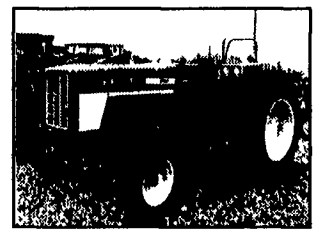
**NH 848 Round Baler**

**New Holland 785 Skid Loader (A)**

**40' Zimmerman Elevator**

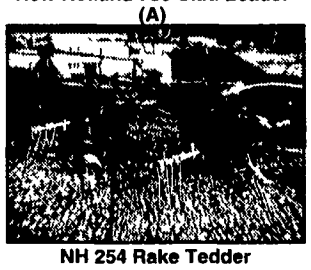


**Case IH 2294 Cab,** 4x4, 135 HP, Mech Special

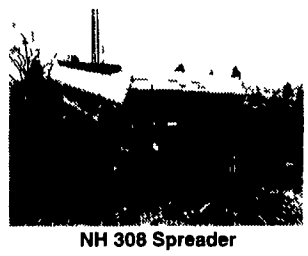


**IH 57 Tractor,** 52 HP

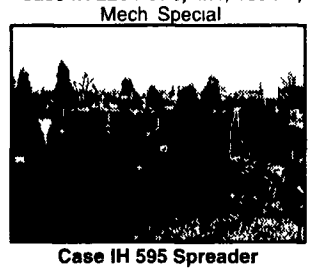
**JD 6600 Sidehill** with 6/R Corn Head & 15' Platform



**NH 254 Rake Tedder**

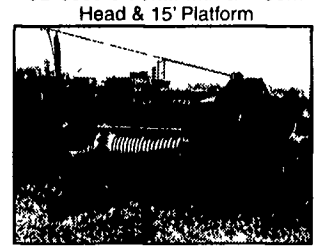


**NH 308 Spreader**

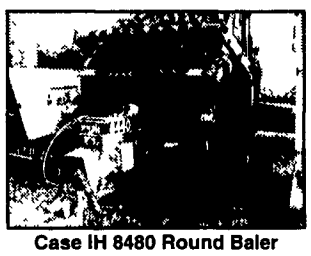


**Case IH 595 Spreader**

**Case IH 3900 Disc Harrow,** 23' Rock Flex w/3 Bar Leveling Rake Like New

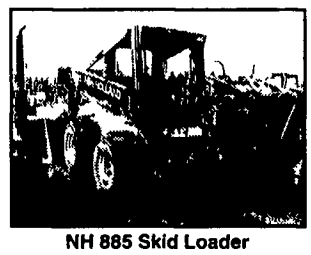


**NH 315 Sq. Baler** w/Thrower

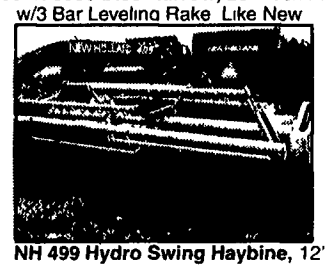


**Case IH 8480 Round Baler**

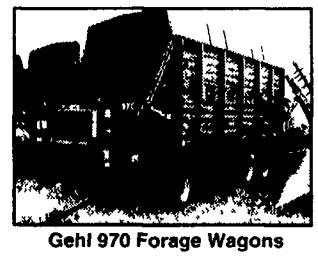
**Mustang 940 Skid Loader**



**NH 885 Skid Loader**



**NH 499 Hydro Swing Haybine,** 12'



**Gehl 970 Forage Wagons**

**TRACTORS**

- Case IH 5240, 4WD, Cab, w/520 Loader - 150 Hrs
- Case IH 7110, 2WD, Excellent!
- Case 2670, 4WD, Cab, New Eng , 219 HP, Power Shift
- IH 574 Tractor, New Engine
- Hesston 70-66 DT, 4WD
- IH 5088 4WD, Cab, Duals
- IH 1086 Tractor w/Cab
- Farmall 706 3 pt. Hitch, Very Clean
- Ford 6600 (A)
- IH 3588 Tractor 2+2 w/Cab
- Deutz DX 160 HP, Cab
- IH 1086 Tractor w/ROPs, Ex.!
- IH 3088 Tractor, 90 HP
- Ford 7000 (A)
- Ford TW35, 4WD, 175 HP, Nice! (A)
- IH 350 w/Loader
- Case IH 2294 4x4 Cab, Mech Special

**COMPACT TRACTORS**

- Case IH 255 w/Mower & Blade, 4WD
- Case IH 235 4WD
- Kubota B 7100 4x4, 60" Deck
- Ford 1700, 2WD (A)
- Ford 1210, 2WD w/Front Hyd Blade (A)
- NH 2120 4WD w/Loader (A)
- Ford 1520 4x4 w/Loader (A)
- Ford 1100 4x4 w/Belly Mower (A)
- NH 1220 Tractor w/Loader, 60" Rear Mount Deck

**PLANTING & TILLAGE**

- Genco 7 Tooth Chisel Plow
- IH 55 7 Tooth Chisel Plow
- Brillion 14' Wing-Fold Field Cultivator
- Krause 23' Double Wing Fold Rock Flex Disc (A)
- White 543 4 Row Planter (A)
- 21' F17 Amco Double Offset Disc
- IH 56 4-Row Planter
- IH 770 HD Offset Disk, 12'

**SPREADERS**

- NH 308 Spreader Side Discharge
- NI 3632 Spreader (A)
- NH 791 Spreader, top Beater, Hyd End Gate
- Case IH 595 Spreader
- NH 306 Spreader, Side Discharge (A)

**CONSTRUCTION & INDUSTRIAL EQUIP.**

- NH 545d Tractor/Loader w/Shuttle Shift - Like New, 140 Hrs (A)
- Ford 345c Ind Tractor/Loader 4WD w/Shuttle, 1035 Hrs (A)
- Ford 555A Tractor, Loader, Backhoe
- Komatsu Excavator (A)

**HAY & FORAGE**

- NH 2000 Big Sq Baler w/Bale
- NH 416 Haybine
- NH 1037 Bale Wagon - 1 Yr Old
- (3) Kreider Bale Wagons
- (2) NH 258 Rakes
- Pequea Hay Tedder
- NH 570 Baler w/Thrower, Ex (A)
- (2) Miller Pro 900 Rotary Rake
- Brillion 15' Flail Chopper
- NH 575 Baler w/72 Thrower
- Kuhn Bale Wrap, 3 pt Nice
- Case IH 8850 SP Discbine, 390 Hrs
- FX 25, 4 Row, Pickup
- FX 45, 6 Row Pickup
- Dion Forage Box, 3 Beater, Roof, 12 Ton
- NH 60 Blower, 504 P T O
- NH 846 Round Baler w/Monitor
- JD 1460 Discbine
- NH 853 Round Baler
- Case IH 8480 Round Baler
- NH 900 Harvester & 3 Row Corn Head
- NH 824 2 Row, 30" Corn Head
- NH Direct Cut Head 6' for 700 Series Harvester
- Vermeer 275 Discbine
- NH 415 Discbine (A)
- NH 846 Round Baler (A)
- NH 254 Rake Tedder
- (2) NH 489 Haybine
- IH 430 Baler
- NH 630 Round Baler (A)
- NH 855 Round Baler
- Badger Forage Wagon (A)
- NH 8 Forage Box Wagons
- NH 492 Haybine
- NH 40 Blower, Excellent
- Gehl 1540 Blower
- NH 60 Blower 540 PTO
- Tonutti Wheel Rake
- NH 465 Disc Mower

**SKID LOADERS**

- NH L553 Skid Loader
- Case 1845C Skid Loader
- Bobcat 440B, Gas Skid Loader
- NH 785 Skid Loader
- Case 1840 w/Bucket
- Mustang 940 Skid Loader
- NH LX565 Skid Loader (A)
- NH 785 Skid Loader (A)
- Bobcat 743 Skid Loader w/Bucket (A)
- NH 885 Skid Loader
- McMillan Hyd Drive Post Hole Digger

**USED LAWN & GARDEN**

- Woods 48" Rotary Mower
- 2 Steiner 72" Deck
- Cub Cadet 1641, 48" Mower
- Cub Cadet 682, 44" Mower
- Cub Cadet 1810, 50" Mower
- Kubota F2400 w/72" Deck
- Kubota GF1800 4WD, 60" Deck & Catcher
- (2) Steiner 420

**MISC.**

- Zimmerman 36' Elevator
- 41' Miller Pro St Wall & Lagoon Manure Pump
- Demco 500 Gal Sprayer 45' Hyd Fold
- 3 Pt. 5 Shank Injector
- JD 300 2 Row Narrow, 12 Roll Husker, Ex Cond !
- Hanes Potato Grader w/36' Loader Conveyor
- (2) Woods RM48 Mowers
- Woods M40 Mower
- 40' Zimmerman Elevator
- Herd 1200C Trailer, 8 HP Fert Spreader
- C8 Transplanter
- Hay Buster H1000 Tub Grinder, Like New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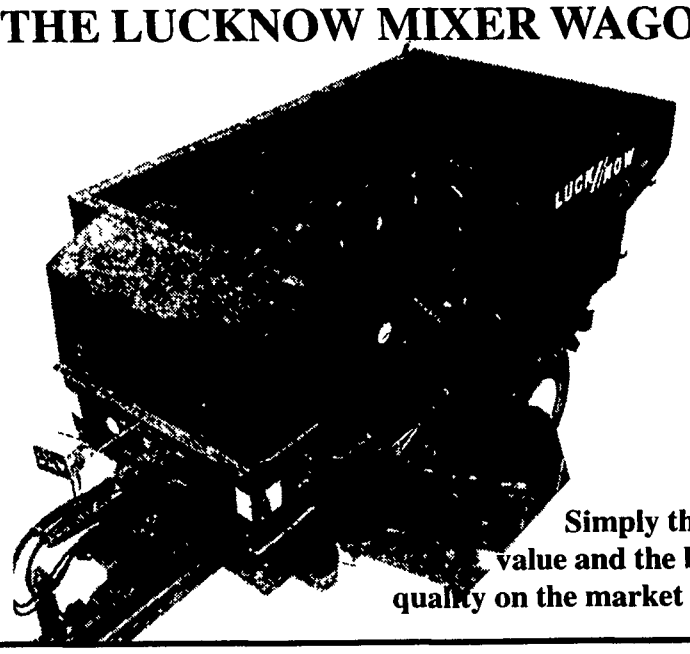


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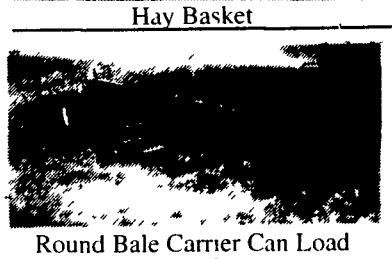
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| NH 1715, 4x4 w/Loader, 100 Hr | $14,900 |
| MF 383 w/Loader, 578 Hrs | $18,900 |
| NH 1620 4x4 w/Mid Mt Mower | $12,900 |
| Ford 1510 4x4 w/Loader | $9,900 |
| Ford 4610 A P w/New Loader | $13,900 |
| Ford 4610 S U | $12,900 |
| Ford 7000 w/Cab | $8,900 |
| NH LX885 Skid-Steer Loader | $21,900 |
| NH L-785 Skid Steer Loader | $14,900 |
| NH L55 Skid-Steer Loader | $11,500 |
| NH L445D Skid-Steer Loader | $7,900 |

## BALERS

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| NH 660 Auto Wrap Round Baler | $15,900 |
| NH 640 Net Wrap Round Baler | $14,900 |
| NH 850 Net Wrap Round Baler | $10,500 |
| NH 853 w/Wide Pickup | $7,900 |
| NH 853 w/Std Pickup | $6,900 |
| NH 848 w/Bale Command | $8,900 |
| NH 847 | $5,900 |
| Case IH 3650 | $6,900 |
| NH 326 Square Baler | $5,900 |
| NH 320 Baler w/Thrower | $5,500 |
| NH 315 Baler | $4,900 |
| NH 276 w/Thrower | $3,900 |
| NH 1034 Automatic Bale Wagon | CALL |

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| NH 520 Manure Spreader. | $3,395 |
| NH 329 Manure Spreader. | $2,995 |
| Martin 515 Side Delivery Spreader | $1,250 |
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| NH 355 Mech Drive Grinder Mixer | $5,995 |

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| NH 1495 G, Partial Cab, Planetary Transmission | $4,900 |
| NH 1496 G, 9 Foot w/Planetary Transmission | $5,900 |
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| NH 255 Rake Tedder | $3,695 |
| NH 254 Rake Tedder | $3,400 |
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| NH 56 Rake | $1,900 |
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| 3 Point Hitch Round Bale Slicer | $2,500 |
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| Ford 274 Front Cut Mower | $10,900 |
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JD 3155, cab, air, MFWD, w/JD 740 loader, 1277 hrs
JD 2955 cab, air, MFWD, 2318 hrs , 1-owner
JD 2555, cab, air, hi-low utility
JD 4450, cab, air, MFWD, power shift
JD 4450, cab PS, MFWD, very nice
JD 4250 cab, air, power shift, MFWD
JD 2550 2W, w/245 JD loader, 1071 total hrs
JD 2350 hi-lo indpt, PTO, 3000 hrs , w/JD 146 loader
JD 4640 cab, air, power shift
JD 4640 cab,air, quad, very nice
JD 4440, quad cab, air, 4100 hrs , 1-owner
JD 4440 cab, air, quad, SOLD
JD 2940 fender tractor
JD 2240 w/hi-low, indpt PTO, 38" rubber
1982 JD 4240, power shift, cab, air
JD 4430 SGB, no AC, quad, v nice, 3900 hrs
JD 4430 factory cab, air, 3908 hrs nice & original
JD B 39 Model hand start
Case IH 7220 cab air, power shift mFWD, 980 hrs
Case IH 7210, 1994 model MFWD 42" rubber, 965 hours
1989 Case IH 7140, MFWD, 42 duals, 3 hydraulics, radar, loaded, very nice
Case IH 7120 MFWD, duals, SOLD nice tractor
Case IH 5240 Maxxum, MFWD, cab, air, power shift 2364 hrs
Case IH 5220 cab, air, power shift, MFWD, 1996, 1100 hrs
IH 584D w/1800 Hrs & IH Loader
IH 1586 cab, air, 20" duals
IH 1486, cab, air, 3700 hrs , new T/A & clutch
IH 1086 facbory cab, air, SOLD, very nice
IH 1086 cab, air, 4600 hrs
IH 986 cab, air w/new TA & clutch, 1-owner
IH 1466 Henicker cab, 2863 hrs
IH 1066 fender tractor, ROPS
IH 1066 factory red cab air, 20" rubber
IH 1066 w/year-a-round cab
IH 1066 factory white cab, no air, clean
IH 1066 fender, 1976 black stripe
IH 1066 1976 black stripe, 3700 hrs no TA good tractor
IH 966 fender tractor w/3 pt WF
IH 766 1976 black stripe fender tractor w/complete engine overhaul
IH 766 fender tractor new T/A & clutch sharp
IH 1456 fender tractor sharp recent eng & T/A
IH 856 dsl, WF, 3pt, SOLD dition
IH 856 diesel, WF, 3 pt, fender tractor, original & v nice
Case 2290 cab, air, power shift, trade in, avg cond
MF 3525 cab, air, MFWD, w/Farmhand quick attach loader, model 1140, 1987, w/3470 hrs
White 2-70 diesel, 1800 hrs , 1-owner, 13-6x38 tires
AC 185 diesel, WF, 3 pt, nice

**Case 1845C skid loader**

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JD 7720, 24 5x32, loaded, very nice
JD 6620 Titan II, 1985 w/1050 original hrs , very nice
1984 JD 6620 level land, turbo, hydro, 2-speed cyl , very nice
1980 JD 6620, 28x26, loaded, nice
1979 JD 6620, 23 1x26, loaded, nice
JD 6600 diesel, hydro, 1978 model, 1-owner, very clean
1979 JD 4400D, very nice, w/2040 hrs
1975 JD 4400D, air, nice w/2100 hrs
1989 CIH 1660, 2207 hrs v nice
Case IH 1640 axial flow nice cond
IH 1440 1195 original 1-owner hrs, w/820 13' flex & IH 844 4RW

## Heads

JD 643, 6RN, low tin
(2) JD 443 4RN
JD 444 lo tin oil bath
JD 444 high tin, 4RW
JD 343 3RN w/chopper adapter
JD 913 flex, very nice
JD 213, flex head
(3) nice 215 flex heads black & yellow reels
JD 213 rigid grain head
JD 13' quick attach rigid grain head
IH 820 13' flex, good cond
IH 820 15' flex
Case IH 1063, 6RN
(2) IH 844, 4RW

## Implements & Misc.

Brady 1440 stalk chopper
(3) Glenco 9 shank soil savers
5 Shank Brillion soil saver like new
JD 7 shank mounted chisel
IH 420 3b 16" mounted plow, nice cond
New wide fronts to fit 3020 thru 4020
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**4) UM 3982** - Sunflower Model 6331-25 Land Finisher with 12'4" Transport Width - **$10,300.**

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- Constant Velocity PTO with integral slip clutch
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IH 1086 Cab & Air
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David Brown 990 w/Bush Hog Ldr
Ford 8N
Ford 5000D
Kubota 7100D 4WD, Blade, 4' Rear Mower
Oliver 1250G WFE
MF 180D
NH 354 Grinder Mixer
NH 553 Skid Loader
Case 1840
IH 50 Shredder
NI 2R Corn Picker
IH 2 MH Corn Picker
NI 323 Corn Picker
NI 324 Corn Picker Wide Row
NH 855 Round Baler
IH 440 Baler w/Kicker
JD 4420 Combine w/Grain Head
JD 4400 Combine 13' Flex
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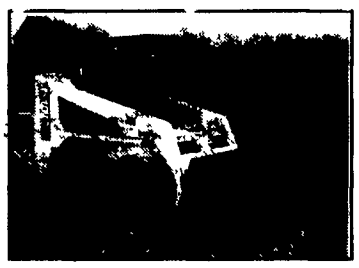
**Case 1845 C Diesel**



**Bobcat 763**

**New Holland L785**

**1) UT 4169** - Case 1835B (1986 Model ) with 73" Utility Bucket with New 10:00x16.5 Tires.

**2) UT 4163** - Gehl 3310 23 HP Gas (796 Hours) with 8.50x15 Tires, 54" Wide Bucket, Bale Fork, One Owner - Like New, ***Come & See*** **- Only $6,950.**

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**5) UT 4148** - Case 1845C Case Cummins Powered with 73" Snow & Liter Bucket, 12.00x16.5 Tires - **$9,900.**

**6) UM 3980** - Bale Spear for Case 1845 - **$300.**

**7) UM 3979** - Pallet Fork to fit Case 1845 - **$450.**

**8) UT 4145** - Case 1845, Gas Engine with New 12:00x16.5 Flotation Lug Tires.

**9) UT 4147** - Case 1845 Diesel with 73" Bucket, 12:00x16 5 Tires, 60% Tread, 1977 Model, Economy Price.

**10) UT 4138** - Case 1845 Diesel (1979 Model), Showing 1117 Hours with Case Q.T. Bucket Coupler and 73" Utility Bucket - **$7,900.**

**11) UT 4142** - Case 1830 Gas Powered 32 HP Uniloader with Good 66" Utility Bucket, 80% Rubber, One Owner - **$5,750.**

**12) UT 4129** - New Holland L785 Perkins Powered Diesel, 2294 Hours, 90 Model, Aux. Hyd., 72" Bucket, 12:00x16.5 Tires, 70% (Nice) - **$13,400**

**13) UT 4128** - Case 1840, 50 Cummins Diesel, 2560 Hours, Optional 12·00x16.5 Tires, Self-Leveling Loader, Lights, Aux. Hyd., 73" Utility Bucket - **$12,500.**

**14) UT 4113** - Case 1845C 1991 Model, 73" Utility Bucket, Aux. Hyd., Good Rubber, 12:00x16.5

**15) UT 4114** - Case 1845C 56 HP Cummins, 73" Bucket.

**16) UT 4115** - Case 1845C (91 Model), 73" Bucket, Aux. Hyd.

**17) UT 4102** - Case 1845C, 56 HP Cummins with Aux., Hyd., 73" Utility Bucket with Bolt on Edge, One Owner - **$11,500.**

**18) UT 4116** - 1996 Model Bobcat 763, Kubota Powered Diesel, 46 HP with Aux Hyd., Lights, 1814 Hours.

**19) UT 4053** - Gehl 5620 Perkins Powered 52 HP Diesel with Good Bucket & Tires. Was ~~$10,900~~ **Now $8,900.**

**20) UT 4092** - Case 1840 50 HP Cummins Diesel (1995 Model), Loaded - **$12,900.**

**21) UT 3952** - Case 1840 (1990 Model), 72" Dirt Bucket - **$12,900.**

**22) UT 3997** - Case 1835B Diesel, 37 HP (1987 Model) - **$8,350.**

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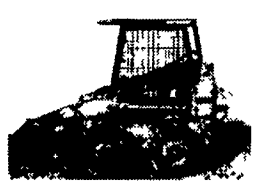

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(2) CIH 600 Forage Blowers
Zimmerman 7' Hay Tedder, PTO
New Idea 5407 Disc Mower, 3 Pt
NH & IH Forage Blowers
Gehl Rotary Rake, 10' Pull Type

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CASE 1830 Uniloader
CASE 1835B, Diesel
Case 1840 Uniloader
Case D125 Backhoe for Uniloader

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- Model 315 NH Baler w/Thrower
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- A.C. 7040 Diesel Tractor
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| JD 446 Round Baler Demo | ~~$14,900~~ $11,500 |
| Hesston Round Baler | $4,500 |
| NH Forage Head - Corn | $500 |
| (2) JD 1209 MoCo | ~~$2,500~~ Each |
| Vicon Disc Mower | $3,000 |
| JD 260 Disc Mower 3 Pt | $3,500 |
| NH 411 Discbine As Is | $3,500 |

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| JD FBB Drill | $1,200 |
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| 95 JD 9500 1700 hrs Like Dlr | $96,500 |
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| JD 6600 | Just In |
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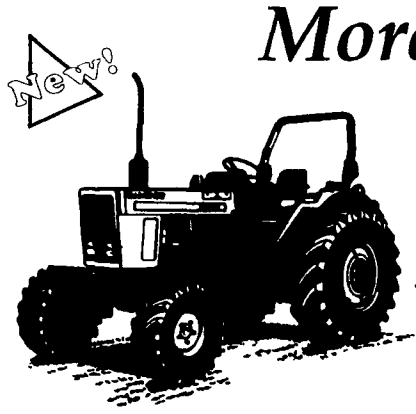


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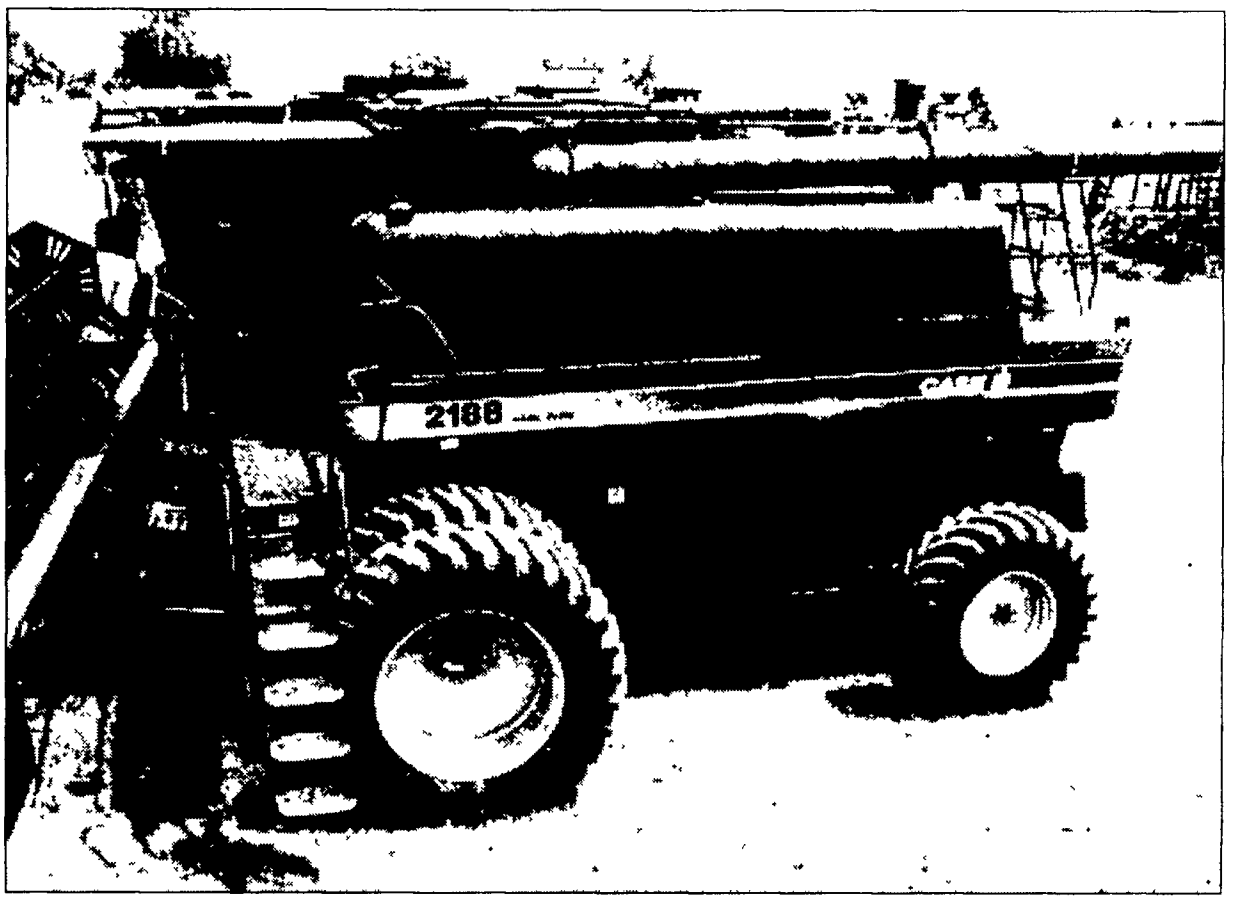


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| A 20963 | CIH | 1680 2WD | A 22233 | IH | 1460 2WD | A U9639 | JD | 7700 2WD |
| B 16083 | CIH | 1680 4WD | A 15098 | IH | 1460 2WD | A U9764 | JD | 6600 2WD |
| A 20953 | CIH | 1680 2WD | C 30220 | IH | 1460 2WD | B 15158 | JD | 6600 2WD |
| C 16589 | CIH | 1680 2WD | A 21493 | IH | 1460 2WD | C 16944 | JD | 6600 2WD |
| A 21511 | CIH | 1680 2WD | A 22171 | IH | 1460 2WD | C 30281 | MF | 850 4WD |
| A 22147 | CIH | 1680 2WD | A 2 2294 | IH | 1460 2WD | B 16730 | MF | 510 2WD |
| A 21931 | CIH | 1666 4WD | B 15286 | IH | 1460 2WD | A U1043 | AC | L2 2WD |
| B 16826 | CIH | 1666 2WD | B 16020 | IH | 1440 2WD | A 21978 | NH | 955 2WD |
| B 15460 | CIH | 1660 2WD | A U9518 | IH | 1440 2WD | | | |
| B 13434 | CIH | 1660 2WD | A 11048 | IH | 1440 4WD | | | |
| C 20553 | CIH | 1660 4WD | B 17222 | IH | 1440 2WD | | | |
| A 21374 | CIH | 1660 2WD | A 21934 | IH | 1420 2WD | | | |
| A 20999 | CIH | 1660 4WD | A 22207 | IH | 915 2WD | | | |
| B 15636 | CIH | 1660 2WD | A 20357 | IH | 715 2WD | | | |
| B 15864 | CIH | 1660 4WD | B 15229 | IH | 715 2WD | | | |
| B 16903 | CIH | 1660 2WD | B 15501 | JD | 9600 4WD | | | |
| B 13011 | CIH | 1640 2WD | B 17120 | JD | 9600 4WD | | | |
| A 21636 | CIH | 1640 2WD | B 15624 | JD | 9500 4WD | | | |
| B 15933 | CIH | 1640 2WD | A 15295 | JD | 9500 2WD | | | |
| A 22212 | CIH | 1640 2WD | B 16367 | JD | 9500 2WD | | | |
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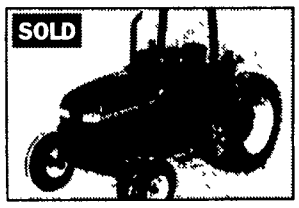
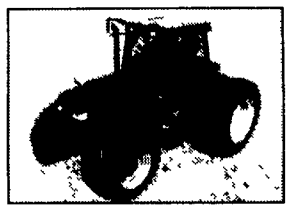
## USED TRACTORS

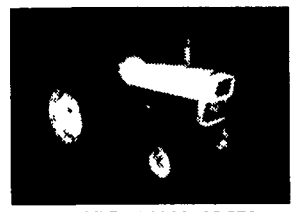
**B** 17194 JD 4455 2WD, 1992, 4878 Hours

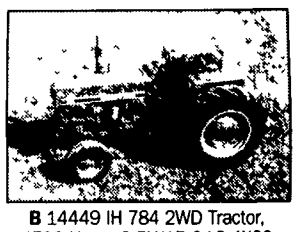


**A** 21781 CIH 5120 2WD, Rops, 2800 Hours, Syncro Trans

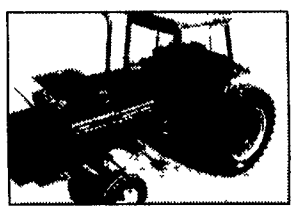

**C** 21394 Case IH 8920 MFD Cab, 600 Hours

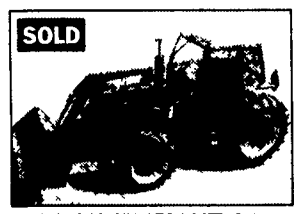
**C** 30391 Steiger ST 251 4WD, 205 PTO, 1976, 4421 Hours, 4 Hyd Valves


**B** 15197 Ford 6000, 66 PTO, 1967, Draw Bar, 0 Valves

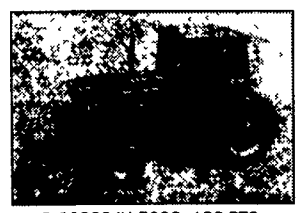

**B** 14449 IH 784 2WD Tractor, 4592 Hours,9 5LX15 &18 4X30 Tires, 2 HYD Valves, 540/1000 PTO, 3Pt hitch

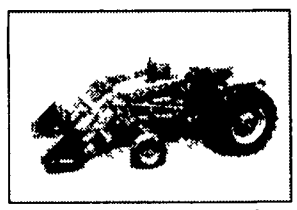
**A** 21986 CIH 5130 2WD Cab, 1990, 1269 Hours, 86 PTO, AC/Heat, PWR Shift

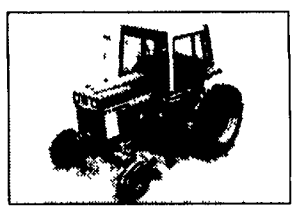

**A** 21471 IH 3288 2WD w/Rops, 1982, 3574 Hours

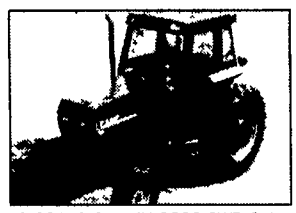


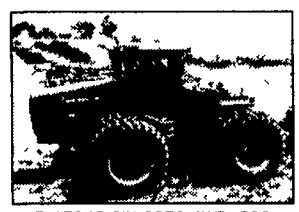
**A** 21648 CIH 1594 MFD Cab, 1987, 4609 Hours, 85 PTO, 3 Pt Hitch, AC/Heat

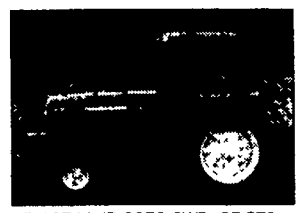

**C** 20886 IH 5088, 136 PTO, 1981, 4720 Hours, 3 Pt Hitch, 3 Hyd Valves

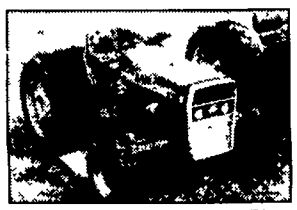

**B** 16005 IH 684 2WD, 3023 Hours, w/2250 Loader


**C** 21647 IH 886 2WD Cab, 4329 Hours


**A** 22119 Case IH 2096 2WD Cab, 6234 Hours


**B** 15942 CIH 9250 4WD, 300 ENG PTO, 1993, 3099 Hours, Power Shift, Tiger Rims

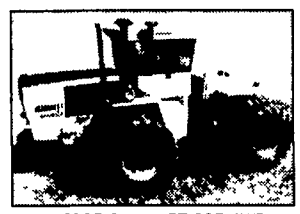

**B** 16741 JD 2950 2WD, 85 PTO, 1985, 6345 Hours, 3 Pt Hitch, 2 Hyd Valves


**B** 16089 MF 245 2WD, 42 PTO, 1980, 5017 Hours

**B** 16435 Deutz-Allis 6240, 44 PTO, 1986, 2975 Hours, 3 Pt Hitch, Rops, Top Link

**A** 20687 Versatile 276 Bi-Direct, 100 PTO, 1986, 5000 Hours, Excellent Paint

**A** 22101 David Brown 990A 2WD, 53 PTO, 1967, 3 Pt Hitch, Top Link


**B** 15935 Steiger PT 225 4WD, 180 PTO, 4002 Hours, 3 Pt Hitch, Deluxe Seat

### USED TRACTORS MIDDLETOWN, DE

| | | |
|---|---|---|
| 17219 | CIH | C90 2WD |
| 30386 | CIH | Hydro 100 2WD |
| 15163 | CIH | 9170 |
| 15942 | CIH | 925 |
| 16729 | CIH | 9270 |
| 15942 | CIH | 9250 |
| 15163 | CIH | 9170 |
| 17143 | IH | 5488 2WD |
| 17089 | IH | 184 w/Mower |
| 15223 | IH | 1586 |
| 16005 | IH | 684 w/ldr |
| 14449 | IH | 784 2WD |
| 16741 | JD | 2950 2WD |
| 16089 | MF | 245 |
| 16422 | Ford | 30 |
| 15197 | Ford | 6000 |
| 16422 | Ford | FD30 |
| 16435 | DA | 6080 |
| 17123 | Steiger | PT350 |
| 15943 | Steiger | PTA297 |
| 15935 | Steiger | PT225 |
| 17090 | BR | Cultimulcher |

### USED TRACTORS INTERCOURSE, PA

| | | |
|---|---|---|
| 21781 | CIH | 5120 2WD |
| 22234 | CIH | 3220 MFD Rops w/Loader |
| 22218 | CIH | 8930 MFD |
| 21986 | CIH | 5130 2WD Cab |
| 22190 | CIH | 8920 MFD |
| 22194 | CIH | 8920 2WD |
| 21986 | CIH | 5130 2WD |
| 16769 | IH | 1206 2WD |
| 21471 | IH | 3288 2WD |
| 21864 | IH | 1486 2WD |
| 20687 | Versatile | 276 4WD |
| 22101 | D Brown | 990A |
| 21999 | Ford | 3000 |

### USED TRACTORS McALISTERVILLE, PA

| | | |
|---|---|---|
| 21498 | CIH | 7130 MFD |
| 30666 | JD | 4240 2WD Rops |
| 30431 | Case | 1070 2WD |
| 30671 | Case | 1030 |
| 30672 | IH | 766D |
| 30673 | IH | 656 Hydro-Diesel |
| 21759 | IH | 826 Hydro |
| 21647 | IH | 886 2WD cab |
| 20886 | IH | 5088 2WD cab |
| 30391 | Steiger | ST251 4WD |

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| | | | | | |
|---|---|---|---|---|---|
| 22317 | Landoll | 15 SHNK Cihisel Plow | 22287 | CIH | 8850 Windrower |
| 22303 | IH | 470 12' Disc | 22296 | JD | 1470 12' Mower Cond |
| 22304 | Brillion | 14' Packer | 22297 | JD | 1470 12' MowerCond |
| 22310 | CIH | 2188 Combine | 22298 | IH | 55 Chisel Plow |
| 22299 | DMI | Tiger II Subsoiler | 22179 | Hesston | 8500 Windrower |
| 22283 | Krause | 2244 Disc | 22191 | CIH | 8570 Baler |
| 22284 | Brillion | 14' Packer | | | |
| 22285 | NH | 492 9' Mower Cond | | | |

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**McALISTERVILLE, PA** 800 433-6679

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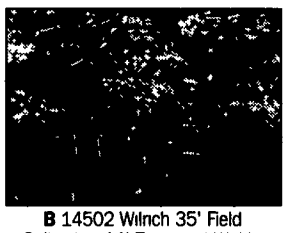
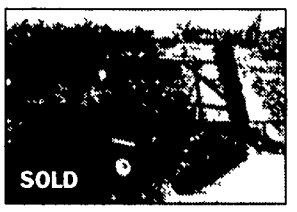
# YEAR END - MUST SACRIFICE

## USED TILLAGE

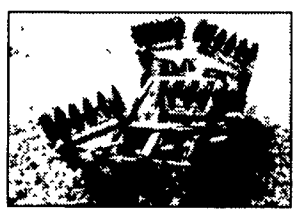
**B** 16920 JD 630 18" Disc

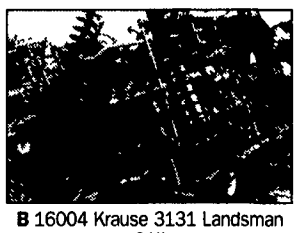

**B** 14502 Wilnch 35' Field Cultivator, 14' Transport Width, w/3 Row Tiine Harrow

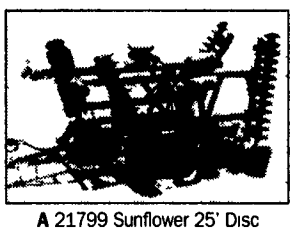


**C** 14348 Sunflower 18' Landsman, Transports 10' Wide, Hydro Disc Gangs, Used for 800 Acres

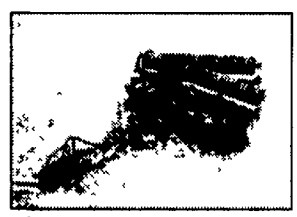
**A** 21547 Krause 4513 Chisel Plow


**B** 13079 Midland 20' Offset Disc, 21" Blades

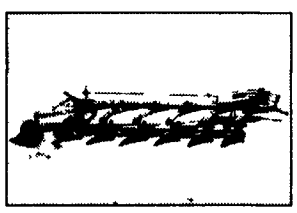

**B** 16004 Krause 3131 Landsman 31"

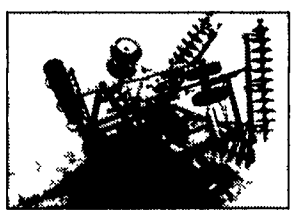

**A** 21799 Sunflower 25' Disc

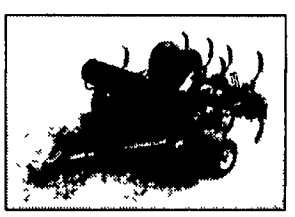
**B** 16321 IH 720 6x16 Plow, New Front Axle


**A** 22120 Brillion 34i Culti-Packer, X-Fold, Non-ductile 20" Wheel

**B** 17169 Krause 4924A, 21' Rockflex, New Blades, Packer Hitch, Hoses

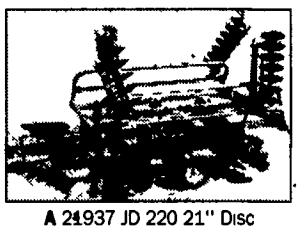

**A** 21928 JD 2500A Plow 6x18, Hydraulic Reset

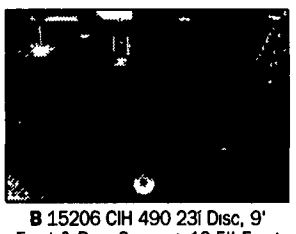

**A** 21598 Krause 4927A, 25' Rockflex


**A** 20664 Krause 4515 Chisel Plow

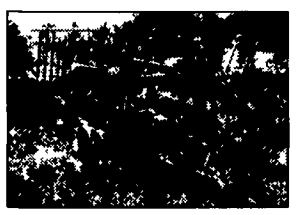
**B** 15584 JD 330 30' Disc, Folding, 10" Front & Rear Spacing, 16" Front & 18" Rear Spacing

**B** 16848 Krause 1956 30' Disc, Folding, Rockflex, 17" Front & 18" Rear Blades


**A** 21937 JD 220 21" Disc


**B** 15206 CIH 490 23i Disc, 9' Front & Rear Spacing, 19 5" Front & 20.5" Rear Blades

**A** 20653 Krause 1480, 10'8" Heavy Duty, Rock Flex, Rebuilt w/24" Blades


**B** 16798 Krause 4218 HR Field Cultivator, 20'5" Axle Size, 35x7' Front Spacing

**B** 13926 Krause 3127A 27' Landsman, Trans Width 13'6", 18" Disc Size

**HOOBER** THREE LOCATIONS
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### USED DISCS

| | | | | | |
|---|---|---|---|---|---|
| 17145 | KR | 1925 | 16911 | DA | 19' Disc |
| 13841 | KR | 2442 30' | 16320 | DA | 2500 20' |
| 15213 | KR | 2440 30' | 16620 | Midland | 28' Offset |
| 15206 | CIH | 490 23' | 13079 | Midland | 20 |

### USED MISC. TILLAGE

| | | | | | |
|---|---|---|---|---|---|
| 16622 | CI | 5100 24x6 | 16662 | GP | 15' |
| 16818 | CI | 5500 | 15440 | GP | 20' NT |
| 21468 | JD | 714, 17 Shnk Chsl Plow | 16976 | GP | 24' Conv. |
| 13926 | Krause | 3127A Landsman | 16777 | GP | 24' NT |
| 14047 | Krause | 3124A Landsman | 16912 | GP | 30' NT Drill |
| 14502 | WR | 31', 35' Fld. Cult. | 16914 | GP | 30' NT Drill |
| 16971 | BR | 18' CF Packer | 16976 | GP | 24' Conv. Drill |

### USED CHISEL PLOWS

| | | |
|---|---|---|
| 17217 | DMI | 530 Subsoiler |
| 15938 | MF | 128-15" Subsoiler |
| 21468 | JD | 714 |

### USED PLOWS

| | | |
|---|---|---|
| 16321 | CI | 720 6x16 |
| 16048 | IH | 5x16 |
| 16625 | JD | 6x16 OL |

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### USED DISCS

| | | | | | |
|---|---|---|---|---|---|
| 22126 | Krause | 4927A 25' | 20272 | Krause | 2416 26' |
| 22181 | Krause | 2416 26' | 20653 | Krause | 1480 10'8" |
| 20653 | Krause | 1480 10'8" | 22112 | Athens | FB90 24' |
| 21598 | Krause | 4927A 25' | | | |

### USED HAY EQUIPMENT

| | | | | | |
|---|---|---|---|---|---|
| 21994 | NH | 2000 Baler | U1420 | Hesston | 6550 Windrower |
| 21977 | NH | 499 Mower Cond | 20571 | Hesston | 7155 Forage Harvestor |
| 21690 | NH | 660 Baler | | | |
| 13783 | NH | 499 Mower Cond | 22168 | CIH | 8575 Baler |
| 21586 | NH | 499 12' Mower Cond | | | |

### USED MISC. TILLAGE

| | | | | | |
|---|---|---|---|---|---|
| 21635 | IH | 710 6x18 Plow | 22193 | Krause | 4223 29' Fld Cult |
| 21695 | IH | 4600, 23.5' F Cult | 22182 | Krause | 4430 Packer |
| 21928 | JD | 2500A 6x18 Plow | 21547 | Krause | 4513 Ch Plow |
| 21790 | Sunflower | 6331 25' Lndsman | 20664 | Krause | 4515 Ch Plow |

### USED DRILLS

| | | | | | |
|---|---|---|---|---|---|
| 20836 | CIH | 5100 24x6 | 20777 | Lilleston | 9680NT |
| 21850 | CIH | 5100 20x6 | 20710 | Krause | 5215 15' |
| 21348 | JD | 750NT 15' | | | |
| V8486 | GP | 15' | | | |

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### USED PLANTERS & DRILLS

| | | | | | |
|---|---|---|---|---|---|
| 30623 | Krause | 5213 NT Drill | 30533 | IH | 510 13x7 |
| 0017 | GP | 15' NT Drill | 30373 | White | 5100 6RN Planter |

### USED TILLAGE

| | | | | | |
|---|---|---|---|---|---|
| 30412 | IH | 55 Chisel Plow | 21615 | JD | 13' Chisel Plow |
| 30654 | Brillion | 25' Culti-Mulcher | 14348 | Sunflower | 18' Land Finisher |
| 30247 | Farmall | Plow | | | |

### USED FORAGE & HAY EQUIPMENT

| | | | | | |
|---|---|---|---|---|---|
| 22216 | CIH | 8590 Baler | 30598 | Hesston | 5510 Round Baler |
| 30624 | IH | 600 Blower | 30150 | NH | 770 2 Heads |
| 30635 | IH | 1190 MWR Cond | 30430 | NH | 499 Mower Cond |
| 21941 | Gehl | 1600 Round Baler | 30203 | NH | 23 Blower |
| | | | 22167 | NH | #27 Blower |

### USED SKID LOADERS

| | | | | | |
|---|---|---|---|---|---|
| 16096 | Case | 1825B | 30667 | JD | 70 |

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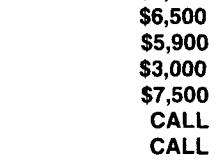
| | |
|---|---|
| CIH 4494 cab, 4WD, duals | CALL |
| IH 1586 cab | $11,000 |
| IH 1086 cab 4WD SOLD | $17,000 |
| IH 1086 cab | $12,500 |
| IH 1086 cab new T/A & Clutch | CALL |
| JD 4250 cab, 4WD, nice | CALL |
| Hydro 186 extra nice recent engine & hydro overhaul, new cab tires, paint | $16,500 |
| IH 986 cab recent engine & TA, rough looking | CALL |
| White 2-105 cab | $9,000 |
| IH Hydro 100 | $8,500 |
| JD 4230 | $10,500 |
| CIH 5140, 4WD, cab w/510 QT loader | $34,900 |
| IH 886 cab | $11,500 |
| Case 1690, Rebuilt Engine | CALL |
| JD 4010 w/4020 Engine Kit | $7,000 |
| JD 4040 | $12,500 |
| JD 2940, 4WD, loader | $17,000 |
| Ford 7610 cab | $10,500 |
| Ford 7600 | $10,500 |
| IH 766, cab | $7,900 |
| Hydr 86 | $8,900 |
| IH 656 hydr drive | $5,500 |
| JD 3010 w/Loader | $5,500 |
| MF 178 | $3,500 |
| IH 784, 4WD w/loader & Cab | $12,000 |
| White 1365 w/loader | $5,500 |
| MF 165 | $5,500 |
| IH 574 | $5,500 |
| Ford 4000 w/Loader | $6,000 |
| Int 460 | CALL |
| JD 620, NF, PS | $3,000 |
| IH 464D w/loader | $6,500 |
| Case 1194 | $5,900 |
| Ford 3000 | $3,000 |
| Ford 3400 w/loader | $7,500 |
| (2) IH 140, nice | CALL |
| Ford 8N, Farmall A | CALL |
| JD 420, WF | $3,000 |
| Ford 1310, 4x4 w/Mower, low hrs | $8,000 |
| Kubota L1500DT, 4WD | $3,000 |
| (3) NH 785 skid | CALL |
| FNH 885 skid loader | CALL |
| NH 555 Deluxe w/NH 124 backhoe, Lowes hyd post, digs 2-buckets, will separate | CALL |
| NH 555 skid loader | CALL |
| IH 2350 loader | $3,250 |
| NH 452 skid loader | $5,000 |
| JD F930 mower | $5,500 |
| JD 7000, 4RN | $4,900 |
| NH 824N | $3,000 |
| JD 494A Planter, Disc Openers | $500 |
| JD 7000 4RN | $4,500 |
| IH 710 5 Btm Plows | $2,500 |
| 12 shank chisel plows | $1,500 |
| Worksaver HPD 20, post driver, new | $2,200 |
| Woods 20' hyd fold mower | $7,500 |
| Rotary Mower, 7', 1 new 3 pt , 1 used, trail type | CALL |
| New Walco 3pt Finish Mower, 5' | CALL |
| Princeton Tree/Shrub Planter w/5 Shoes SOLD | $2,000 OBO |
| Aztec 48' flatbed trailer | $6,000 OBO |
| Freuhoff 36' flatbed trailer | $3,000 OBO |
| '74 GMC 9500, 238 Detroit, 5+2, Good Rubber | $4,500 OBO |
| 1975 C65 Chevy rollback 22' bed, rebuilt engine | $6,000 OBO |
| 1973 Ford LN9000, 270 Cummins, 20' grain body w/tarp | CALL |
| 1971 R Model Mack, 237, 5 speed, 18' grain body w/tarp | CALL |
| 1976 Chevy, 18' grain body | CALL |
| 1968 Int 250 Cummins, 10 speed, 12' aluminum box | CALL |

**We now offer financing & lease programs**

LOG BARN Equipment



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**GENERATORS IN STOCK**
Used 8, 25, 30, 50 PTO
New 25, 35, KW PTO
Gas, New 4 & 5,000 watt

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Ford 3600 diesel, nice
Ford 3000 gas **$4,500 as is**
ID 300 TLB **$7,500**
JD 440 crawler **$4,000**
Bobcat 543 & 743 diesels
JD 950, nice
Komatsu PC28UU excavator
Komatsu D21A dozer, power shift w/6-way blade **$14,500**
JD 301 or JD 500 TLB **$2,500 ea.** as is

**MISC. EQUIPMENT**
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Bodco Water Bowls
Bodco Motorized Feed Carts
Bodco Barn Cleaners
Bodco Landscaping Chopper

*We are an authorized BODCO Distributor — Dealers Welcome.*

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|---|---|
| • Bodco Model 33 Feed Cart | $3,775 |
| • Bodco Model 43 Feed Cart | $3,975 |
| • Bodco 13 HP Paper Chopper | $2,395 |
| • Used Agri Metal Bedding Chopper | $1,200 |
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Nobody knows hay like HESSTON
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NH 202 Ground Drive Spreader
MF 180 w/Loader
Woods HD315 15' Wing Mower
Woods 208 Rotary Mower
Field Queen Feed Roll Transmission
Field Queen Main Gear Box
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Bush Hog 3109 9' 3 pt, excellent
Kuhn FC 300G 10' Disc Conditioner
Cub Cadet 7275 27 hp, 4WD w/Loader
White 31 4WD w/Loader
Hesston 1120 9' Windrower

**LAWN & GARDEN**
Walker 16 hp 52"
Kubota B7100 HSD w/60" Mid Mower
Cub Cadet 2182, 21 hp, Liquid Cooled, 60"
Cub Cadet 1863, 18hp, 48", 130 hrs
Cub Cadet 1772 Dsl, 60"
Simplicity Sun Star, 20 HP, 60"
Steiner Boom Mower
Kubota FZ 2400, 72", 4WD

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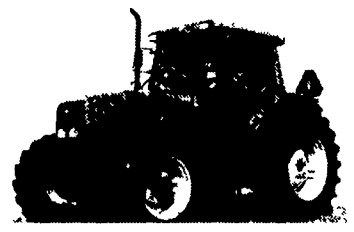
- White 6710 AWD, Cab, 95 HP
- White 6510 AWD, ROPS, 85 HP
- White 6410 AWD, ROPS, 70 HP
- WHITE 6410 2WD, ROPS, 70 HP
- White 604 SOLD, ROPS, 45 HP

- White 8610 AWD, 180 HP
- White 8410 AWD, 145 HP
- Agco Allis 9635 AWD, 135 HP
- Agco Allis 8765 AWD, ROPS, 85 HP

AGCO ALLIS



**USED TRACTORS**

- Deutz Allis 9190 AWD
- White 2-105 Cab, AWD
- Agco Allis 5660 AWD, ROPS w/loader, low hrs.
- Agco Allis 6690 AWD w/Cab
- White 2-105, AWD
- IH 504 2WD w/Loader
- Agco Allis 9630 AWD, Low Hrs., Ex. Cond.! 20.8x42 Rears, 16.9x30 Fronts

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- 1995 Gleaner R62 Custom Harvester Special
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- Gleaner M2 w/315 Flex-Head & 630 Corn Head
- 1989 Case IH 1660 w/Field Tracker Plus Both Heads - Sharp!
- JD 4400 w/4 Row Narrow Corn Head & Grain Head
- Gleaner EIII w/3 Row 30" Corn & 10 Ft. Grain Head

WHITE (AGCO)

*Order Now for 99 Planting Season SAVE $$$*

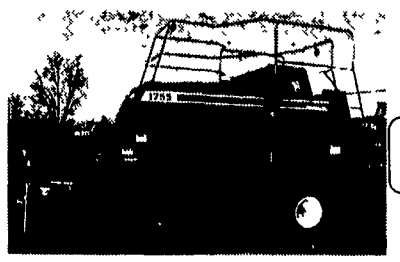
**CORN PLANTERS**

**NEW**
- White 6&8 Row Central Fill Planter With Interplant For 10" Row Spacing

**USED**
- IH 800-6 Row Air Planter
- IH 400, 4 Row

**MISCELLANEOUS USED EQUIPMENT**

- Noble 6 Row Cultivators
- JD 4200 3 Bottom SOLD Over Plow
- Oliver 2 Bottom Rollover Plow



AGCO HESSTON THE PRIME LINE

**NEW HAY EQUIPMENT**

- Hesston 4570 SOLD Square Baler w/Thrower
- Hesston 3972 Bi-Fold Rake - 8 Wheels
- Hesston 1340-12' Disc Mower/Conditioner
- Hesston 8500 15' SP Disc Mower/Conditioner
- Hesston 1160 Center Pivot Sickle Bar, Disc Mower/Conditioner

**USED HAY EQUIPMENT**

- Hesston 4900 Big Baler - Ex. Cond
- Hesston 565A Round Baler - 2 Yrs Old, Ex
- MF 224 Baler SOLD ver
- NH 499 Mower/Cond
- NH 1469 SP Mower/Conditioner
- NH 320 Baler w/Thrower
- Hesston 4570 w/Thower "Super Nice!"

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## USED COMBINES

**0% TIL SEPTEMBER 1, 1999**

| | Was | Now |
|---|---|---|
| JD 6600 Diesel, Hydro, 1974, 3880 SOLD | ~~$4,750~~ | $3,500 |
| JD 7720 Diesel, Hydro, 1981, 4350 Hrs. | ~~$22,500~~ | $16,500 |
| JD 4425 Diesel, Gear, 3500 Hrs. | ~~$14,500~~ | $12,500 |
| JD 4425 Diesel, Gear, 3100 Hrs. | ~~$19,500~~ | $17,500 |
| JD 9500 Diesel, Chopper 1990, 5190 Hrs. | | $42,500 |
| JD 9500 Diesel, Chopper, 1989, 4360 Hrs. | ~~$49,500~~ | $44,500 |
| JD 9500 Diesel, Chopper, 1990, 3280 Hrs. | ~~$56,500~~ | $49,500 |
| JD 9500 Diesel, Chopper, 1992, 2875 Hrs. | ~~$71,500~~ | $62,500 |
| JD 9600 Diesel, Rear Whl. Drive, 1996, 900 Hrs. | ~~$135,500~~ | $119,000 |
| JD 9500 SH Diesel, Chopper, 1997, 500 Hrs. | | $135,000 |

## HAY EQUIPMENT

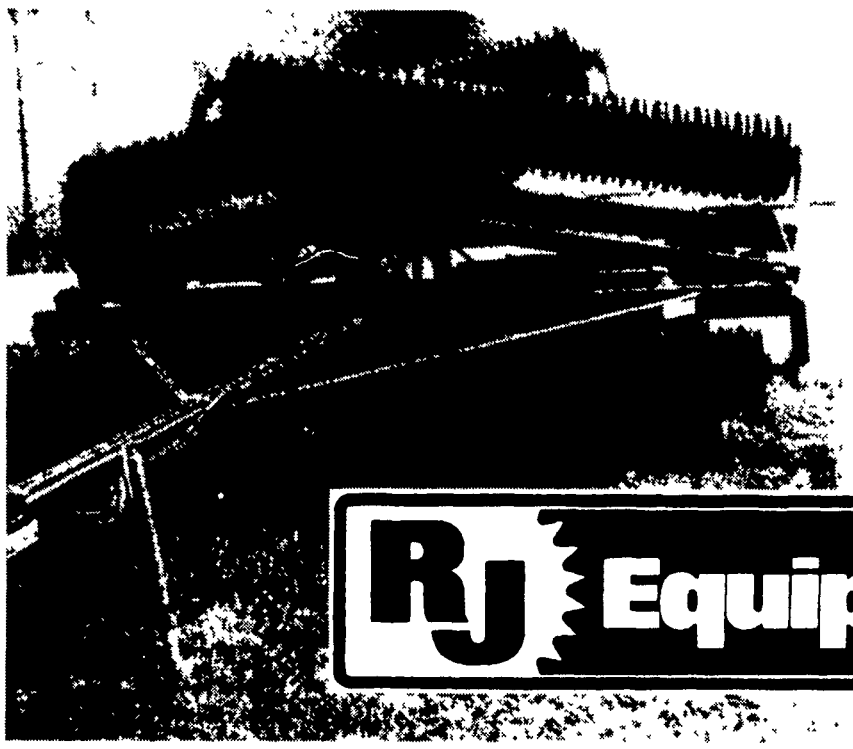
**0% TIL MAY 1, 1999**

| | Was | Now |
|---|---|---|
| JD 337 Baler w/JD 30 Ejector | ~~$6,300~~ | $5,750 |
| JD 327 Baler w/JD 30 Ejector | ~~$5,750~~ | $5,250 |
| Gehl 412 Hay Rake, Like New | ~~$1,995~~ | $1,895 |
| NH 499 12 Ft., Hydro-Swing | ~~$8,795~~ | $7,950 |
| NH 499 12 Ft Hydro-Swing | ~~$7,450~~ | $6,950 |
| Gehl 2170 9 Ft. Mower-Conditioner | ~~$2,495~~ | $2,150 |
| JD 1600 12 Ft. Hydro-Swing | ~~$9,900~~ | $8,900 |
| JD Double-Windrow Attach For JD 1219 MoCo | ~~$2,350~~ | $1,750 |
| JD 930, 11.5 Ft. Mo/Co w/Impeller | | $12,500 |
| JD 1219 9 Ft. Mower-Conditioner | ~~$5,750~~ | $5,250 |
| JD 1219 9 Ft. Mower-Conditioner | ~~$3,950~~ | $3,350 |
| JD 1209 9 Ft. Mower-Conditioner | ~~$2,995~~ | $2,500 |

## MISC. EQUIPMENT

| | Was | Now |
|---|---|---|
| JD 8200 Grain Drill 18x7, Double Disc | | $3,500 |
| JD 750 No-Til Drill, 30 Ft., Hitch markers Liq. Fert. | ~~$46,000~~ | $42,000 |
| JD 680 Spreader, 400 Bu. Endgate, pan. | | $6,500 |
| Gehl 315 "Scavenger" Spreader | ~~$4,195~~ | $3,850 |
| JD 450 Hydra-Push Spreader w/end gate | ~~$3,500~~ | $3,150 |
| Kill Bros. Bin Wagon w/Auger | ~~$1,950~~ | $1,750 |
| AC 20 Ft., Wing-Fold, Cutter. | ~~$6,800~~ | $6,400 |

## Announcing... A Complete Line Of TRANSPORT PULVERIZERS



- 1 3/4" high carbon solid shaft
- greasable bearing
- narrow transport width

**In Stock**

**14 ft. Transport**
**21 ft. X Fold**
**23 ft. X Fold**

**RJ Equipment**

## TRACTORS

**0% TIL MAY 1, 1999**

| | Was | Now |
|---|---|---|
| JD 7800, 140HP, Cab, MFWD, Power Shift | ~~$64,500~~ | $59,500 |
| JD 4255, 130 HP, MFWD, Power Shift, 4690 Hrs. | | $42,500 |
| JD 4230 100 HP, Year Round Ca SOLD | ~~$14,900~~ | $12,900 |
| JD 7200 95 HP, MFWD 3375 Hrs. | ~~$46,500~~ | $42,500 |
| Oliver 1850 90 HP, Diesel, Narrow Front SOLD | | $4,995 |
| JD 2755 75 HP, MFWD w/JD 245 Loader | | $27,500 |
| JD 2750 75 HP, MFWD,Cab w/Westendorf Loader | ~~$29,000~~ | $26,500 |
| JD 2630 Tractor, 70 HP w/JD 48 Loader SOLD | | $11,900 |
| JD 2555 65 HP, MFWD w/JD 245 Loader | ~~$24,900~~ | $21,900 |
| JD 5400 60 HP, w/Schwartz Loader, 900 Hrs. | ~~$22,000~~ | $20,000 |
| Ford 4000 Diesel 45 HP, w/Sauder Loader | | $4,500 |
| MF 2705 120 HP, Cab | ~~$13,500~~ | $11,900 |
| IHC 886 90 HP | ~~$11,900~~ | $9,900 |
| Brouwer FF 621 Forklift, Ford Diesel, 4 Wheel Drive | ~~$19,500~~ | $18,500 |

## TILLAGE EQUIPMENT

| | Was | Now |
|---|---|---|
| JD 400 15 Ft. Rotary Hoe | ~~$1,750~~ | $1,500 |
| Brillion BRH 630 Min-Til Cultivator | ~~$4,450~~ | $4,150 |
| Brillion BRH 440 Min-Til Cultivator.. | ~~$3,150~~ | $2,950 |
| White 324 6R Cultivator | ~~$600~~ | $450 |
| IHC 710 6B16 Spring Reset Plow | ~~$4,150~~ | $3,650 |
| White 508 5B18 Plow | ~~$3,900~~ | $3,550 |
| JD 2600 4B18 Semi-M SOLD | ~~$3,400~~ | $3,100 |
| JD 8450 4B18 Rollover Plow | | $3,950 |
| IHC 450 3B16 Plow SOLD | ~~$1,895~~ | $1,595 |
| JD 710 7-Tooth Mulch Tiller | ~~$4,950~~ | $4,450 |
| Deutz-Allis 16 Ft. Field Cultivator | ~~$1,750~~ | $1,500 |
| IHC 45 12 Ft. Field Cultivator | ~~$1,550~~ | $1,300 |
| Brillion HFCS 20 Ft. Field Cultivator | ~~$7,500~~ | $7,150 |

## HARVESTING EQUIP.

**0% TIL MAY 1, 1999**

| | Was | Now |
|---|---|---|
| Zimmerman Forage Box on 1978 GMC Truck | | $5,900 |
| NH 1890 S-P Forage Harvester, w/3R30, Hay P/U | ~~$21,000~~ | $19,500 |
| JD 5720 S-P Forage Harvester, 4 Whl. Drive, 2300 Hrs. | ~~$54,000~~ | $53,000 |

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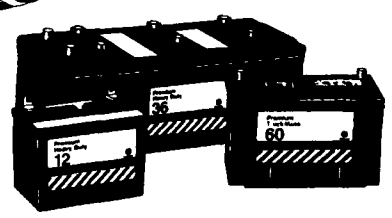
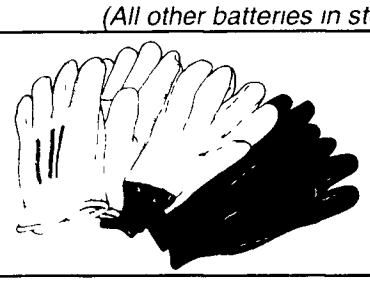


*(All other batteries in stock 10% discount)*



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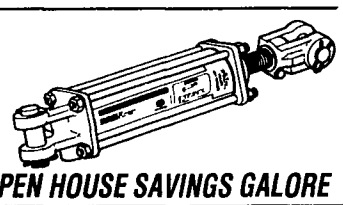

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JOHN DEERE

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|---|---|
| JD 6200 OPEN STATION, 2WD, 66 PTO HP | $20,000 |
| JD 9100, 1382 HRS , 260 HP, 4 SCV, 20 8x38 RADIAL TIRES | CALL |

**END OF SEASON SALE**

**LAWN & GARDEN TRACTORS**

| | |
|---|---|
| (2) JD GX70, RIDER | ea $895 ea. ~~$995~~ |
| JD LX172, 14 HP, 38" MOWER | $1,795 ~~$1,995~~ |
| JD LX172, 38" DECK, BAGGER, 1991 | $1,495 |
| JD 175, 38" DECK, HYDRO | $1,299 ~~$1,499~~ |
| JD GT 242, 38" DECK | $2,199 ~~$2,499~~ |
| KUBOTA T1400H 40" DECK, HYDRO, BAGGER & MULCH KIT | $1,695 ~~$1,895~~ |
| CUB CADET 1720, 42" DECK, HYDRO, REAR BAGGER | $1,699 ~~$1,899~~ |
| CUB CADET 1105, 11 HP, 36" DECK | $895 ~~$1,195~~ |
| JD 165 HYDRO, 38" DECK | $949 ~~$995~~ |
| HONDA HTR 3009 RIDER, 30" W/BAGGER | $549 ~~$649~~ |
| ARIENS YT 1232, HYDRO, 32" BAGGER | $899 ~~$999~~ |
| JD SABRE 2048 HYDRO, FACT WARRANTY, 12 HRS | $3,499 |
| JD SABRE 1438 GEAR | $1,199 |

**COMMERCIAL MOWERS**

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|---|---|
| JD F1145, 72", 4WD, DIESEL | $12,995 ~~$13,995~~ |

**SNOWBLOWERS**

| | |
|---|---|
| SIMPLICITY 820 SNOW BLOWER, 2-STAGE, ELECT START, ALMOST NEW | $995 |

**CORN COMBINES/HEADS**

| | |
|---|---|
| JD 6620 SIDEHILL, TITAN II, CHOPPER, 1988, DIAL-A-MATIC | $39,500 |
| JD 6620 TITAN II COMBINE, CHOPPER, HYD FORE & AFT, 1987 | $37,000 |
| (2) JD 9500 CORN COMBINES, 1994, W/CHOPPER, 1310 SEPARATOR HRS , 1335 SEPARATOR HRS | $86,000 |
| JD 9500, CHOPPER, LOADED, CONTOUR MASTER, 642 SEP HRS | $91,000 |
| JD 215 FLEX HEAD, POLY, DIAL-A-MATIC | CALL |
| JD 216 FLEX HEAD, DIAL-A-MATIC | $5,495 |
| JD 643 CORN HEAD, OIL BATH, LOW TIN | $10,900 |
| JD 643 CORN HEAD, OIL BATH, LOW TIN | CALL |
| JD 643 CORN HEAD, LOW TIN OIL BATH | CALL |
| JD 915 FLEX HEAD, NEW POLY SKIDS, NEW TEETH | CALL |
| JD 918 FLEX HEAD, CONTOUR MASTER, HYD FORE & AFT, POLY | CALL |
| JD 918 FLEX HEAD, HYD FORE & AFT, POLY | CALL |

**HAY/FORAGE EQUIPMENT**

| | |
|---|---|
| NH 489 HAYBINE, NEW CYLINDER, NEW JACK | $2,495 |
| JD 1508 ROTARY CUTTER WING FOLD, 15 FT | CALL |
| (2) JD 709 ROTARY CUTTERS, HD 7', 3 PT | CALL |

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| | |
|---|---|
| JD 450, 12', NEW BLADES, PRESS WHEEL, GRASS SEED | $7,495 |
| JD 450 32' FOLDING DRILL, 54 X 7 5 | $11,995 ~~$14,995~~ |
| JD 7000 4R, DRY FERT, MARKERS, INSECTICIDE | $2,995 |
| JD 7000 4 ROW, 30", DRY FERT , MARKERS | CALL |
| JD 7200 6 ROW, 30", DRY SINGLE DISC FERT , FRAME COULTERS | $10,900 |
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| LANDOLL SOILMASTER 21FT MULCHTILLER, HYD COULTERS | $4,650 |

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| Tractor Hydraulic | $199.50 |
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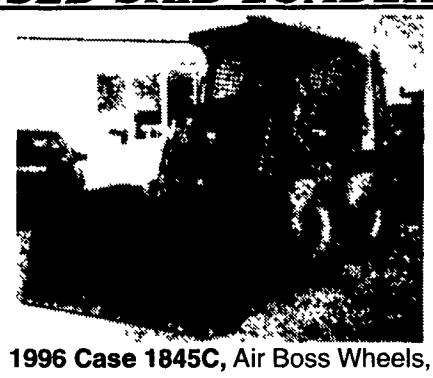

**1996 Case 1845C,** Air Boss Wheels, Grapple Bucket, Aux. Hyd. – **$13,000**

- 90 JD, 25 HP, Gas, 48" Bucket.....**$3,800**
- 1737 Case, 37 HP, Gas w/Bucket, Manure Fork & Tire Scraper, Runs Good.....**$4,200**
- 1530 Case Uniloader, Gas, Runs Good.....**$3,500**
- 743 Bobcat, Diesel, Aux. Hyd.....**$7,000**

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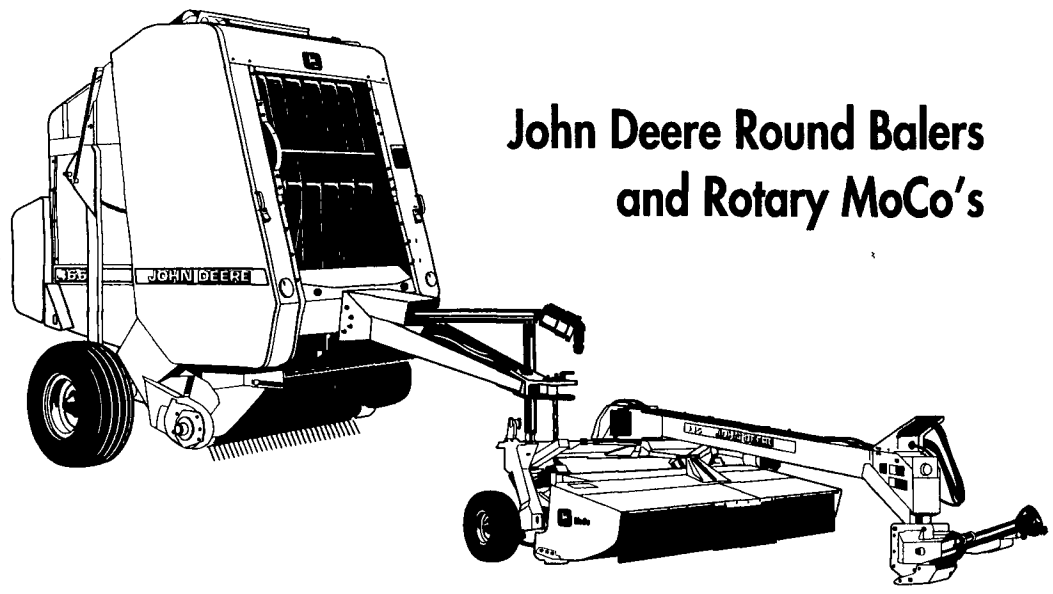


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SINCE 1936

# M.M. WEAVER & SONS, INC.

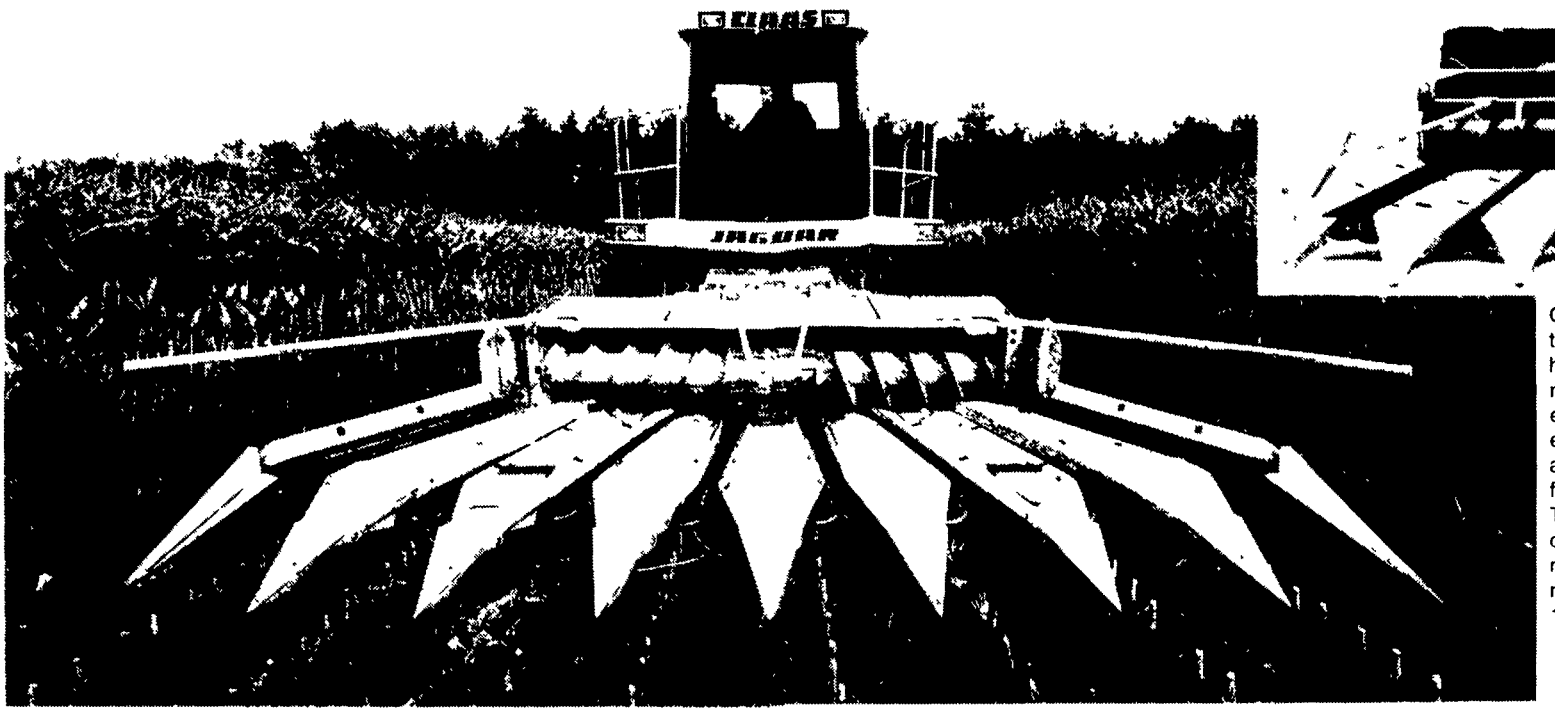
MASSEY FERGUSON
Tractors And Combines

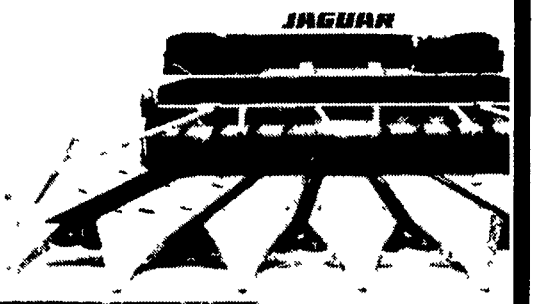
**Leola, PA 17540 Phone: (717) 656-2321**

**Located: 4 miles West of New Holland on Rt. 23, 1 1/2 miles Northeast of Leola on the No. Groffdale Rd., 1 mile on the right, opposite Groffdale Mennonite Church.**

CLAAS® Country
Meeting *all* your harvesting needs!

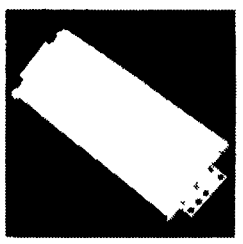
## Wintertime Savings – Call Now!




CLAAS also offers the tried and tested 6 row header alongside the 8 row version It has established an enthusiastic following among contractors and farmers for many years The outer picking units on the 6 row header are raised manually to reach the travel width of 10 feet

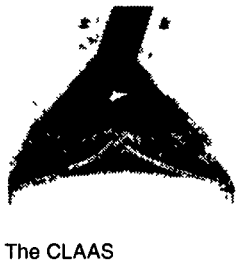
Corn headers from CLAAS are acknowledged by professionals as setting the standards for high speed silage corn harvesting at every stage of ripeness High performing JAGUAR foragers can be equipped - depending on the model - with 4, 6 or 8 row CLAAS headers



If you have to harvest very ripe corn silage you can fit the additional rasp floor concave in addition to the corn cracker Equipped with either 4 or 8 rasp bars, the crop is thoroughly grated including the very hard stems.

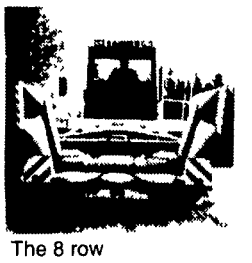
The extremely low and slim profile of the dividers collect hanging and laid crops with ease and feed them steadily to the intake auger The stem dividers above the header support this operation Three or four header speeds enhance the crop flow In down corn the additional laid crop augers can be a useful option

The cutting discs are pretensioned to always work at the right pressure They are self sharpening and maintenance free



The CLAAS AUTOPILOT is patented and is an essential tool in the corn harvest You can harvest without losses even in weed infested or hanging crops, in bad visibility or at night The forager is steered through the rows fully automatically You are free to focus your attention on the speed, the intake and chute

The 8 row header can be equipped with the sensor controlled CONTOUR PLUS height control The header hovers over the ground with no ground pressure, a big plus on soft or spongy ground



The 8 row header is moved from the working to the transport position in a matter of minutes

It is simply folded up hydraulically

The 8 row corn header in front of the JAGUAR 880 lets you set up new output records The combination of the JAGUAR 860 and the 8 row header is another ideal mix The benefits are clear fewer tracks in the field, reduced turning times, more flexibility when opening up the fields, reduced harvesting speeds whilst achieving virtually the same output Of course, there's no need to remove the 8 row header for road travel

### USED TRACTORS

| | |
|---|---|
| 1988 Model MF30E 45hp Diesel Tractor With Loader and 3pt Hitch, 1540 Hrs | **$12,500** |
| MF 255 Diesel, 50hp | **$5,800** |
| Farmall H Tractor | **$1,200** |
| Farmall 400. | **$2,500** |
| MF 165 Gas With Loader, 50HP | **$4,900** |
| MF 1155 Tractor, 140 HP | **$11,500** |
| Kubota B1750 4x4, 15 PTO HP 342 Hr | **$8,900** |
| IH 140 with Belly Mower | **$3,200** |

### DEMO TRACTORS

MF 375 Tractor, 60 HP
MF 8160 4x4, 180 HP

### USED COMBINES

| | |
|---|---|
| Oliver 525 Combine with 2 Row 38" Corn Head, 11' Grain Head | **$2,000** |
| Like New MF 8460 with Hillside Cleaning 6 Row 30" Corn Head, 20 ft floating Grain Head, less than 200 hrs | **JUST IN** |
| 1996 MF 8570 4x4 Rotary Combine, 1,166 Hr, with 863 Corn Head | **JUST IN** |
| 1976 Uni system 717 combine with 4 row 443 JD corn head | **$4,500** |
| 1990 MF 8460 2,573 hrs 15' Floating Grain Head, 6 Row Corn | **$64,000** |
| 1990 MF8460 with Hillside Cleaning, 20 ft Floating & 6 Row Corn Head, 3219 hrs | **$67,000** |
| 1981 MF860 with 15 ft Floating Grain Head with 3,400 hrs | **$12,000** |
| 1979 MF760 with 16 ft. Floating Grain Head with 3,867 hrs | **$11,500** |
| 1979 MF550 with 13 ft Grain Head with 3,898 hrs | **$11,000** |
| 1977 MF750 with 15 ft. Floating Grain Head | **$9,000** |
| 1975 MF760 with 18 ft. Flex Head with 3263 hrs. | **$9,500** |

### USED HARVESTERS

| | |
|---|---|
| New Holland FX25 with 6 Row Corn Head, Corn Cracker and Hay Head, 2 Yrs. Old | **COMING IN** |
| Claas 695 4x4, 1993 Harvester, 354 HP, Hyd. Outlets, 1270 Cutter HR, 6 Row Corn, 10 Hay | **$125,000** |
| JD 3950 Harvester, 2 Row Corn and Hay Pickup | **$10,500** |
| 709 Uni System with 868 Harvester and 4x4 30' 4-row corn | **$19,500** |
| Field Queen Side Dump, 3 Row Corn, 7' Hay, 4500 Hr | **$15,500** |

### HAY EQUIPMENT

| | |
|---|---|
| Vicon KMR Mower Conditioner 10-6 Used 1 YR | **$13,600** |
| JD 347 Baler w/40 Thrower | **$5,400** |
| New Holland 850 Round Baler 66"x66" | **$2,900** |
| Claas 1550 dual Rotary Rake 21' | **$5,600** |
| Hesston 550 Baler 46x75 | **$7,900** |
| New Holland 489 Haybine | **$2,900** |
| JD 1600 Haybine, Hyd Swing. | **$5,900** |
| GMR 2800 Disc Mower Condition 9'4" | **$8,700** |
| JD 335 Round Baler | **$8,000** |
| Demo Vicon 1511E 5x6 Round Baler | **$9,900** |
| Hesston 1120 Haybine 9'3" Cut | **$2,900** |

### MANURE & FEEDING EQUIPMENT

| | |
|---|---|
| Lucknow 220 TMR Mixer Wagon | **DEMO** |
| Lucknow 285 TMR Mixer Wagon | **$4,900** |
| Used Vicon Feeder Main and Sub Stanchion | **$1,500** |

### PLOWS & TILLAGE

| | |
|---|---|
| Oliver 5-16 Auto Reset Plow | **$1,400** |
| IH Chisel, 7 Tooth, 3pt | **$1,200** |
| IH 700 Plow 4x16 | **$1,900** |
| McConnel 6 Row 30" Cultivator | **$1,250** |
| JD 400 Rotary Hoe | **$1,400** |

### MISC. EQUIPMENT

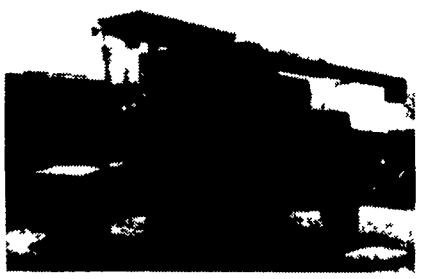
| | |
|---|---|
| Buffalo 4-row Plateless Corn Planter 3pt | **$900** |
| IH 510 Grain Drill | **$2,200** |
| Brady 12 Ft Flail Shredder | **$5,500** |
| Tye 10' No Till Grain Drill | **DEMO** |
| HARDI 300 Gallon Sprayer, 40" Folding Booms | **$1,700** |
| New Holland Blower #25 | **$600** |

**SNOW BLOWERS IN STOCK**

1997 Claas 840 4x4 381 HP with 10' Hay Head, 6 Row Corn Head

**See Us At The**
**KEYSTONE FARM SHOW**

1994 Case IH 1688 4x4 Combine with 8 row corn 15' flex head, 10' flex head



1984 MF 860 4x4 Combine Ser # 18839 2,478 Hr
**$18,000**

# CASH SALES DAYS

## 63nd Anniversary Discount Days

## January 4th - 29th, 1999

### Parts • New Equipment • Good Used Equipment

Mon. thru Fri. 7 a.m. to 5 p.m. • Sat. 7 a.m. to 12 noon • All discounts subject to availability

## WINTER SALE ITEMS

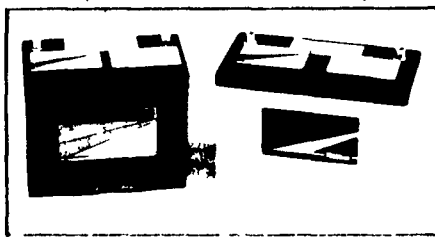
### Deka Batteries

Check Your Battery Needs Here & Save!

**A 20% Savings**

- 624MF Group 24 . . . . .List $63.00 . . . . .**Sale $50.40**
- 627MF Group 27 . . . . .List $78.78 . . . . .**Sale $63.02**
- 1231PMF Group 31 . .List $108.65 . . . . .**Sale $86.92**

Batteries for all your farm needs, up to a 72 month warranty!



**All other batteries in stock -- 20% off list**

### DEKA Battery Booster Cables

- 12' BD92XE 49A . . . . .List $38.04 . . . . .**Sale $30.43**
- 16' BD94XE 49A . . . . .List $45.12 . . . . .**Sale $36.10**
- 20' BD96XE 49A . . . . .List $51.32 . . . . .**Sale $41.06**

### Starting Ether

Starts stubborn engines in seconds • Prolongs battery life • Sprays to 65° below zero

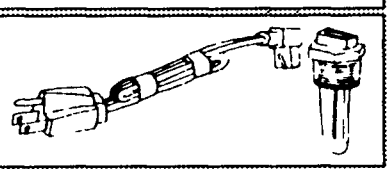
11 Fl. oz.....List $1.25 **Sale $1.12** Case Lot (12) at $1.00 ea.

15 Fl. oz.....List $1.49 **Sale $1.34** Case Lot (12) at $1.19 ea.

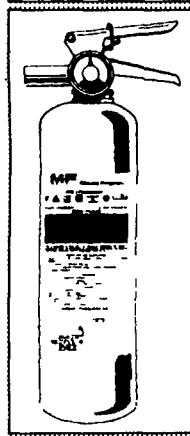
### BLOCK HEATERS

Cold Weather Start

**SAVE 20%**



### FIRE EXTINGUISHERS



**DON'T BE CAUGHT WITHOUT PROTECTION!**

Install reliable Massey-Ferguson Fire Extinguishers in your home, the barn, animal pens, on tractors and combines. They're made of Heavy duty carbon steel with non-corrosive parts, inside and out, and operate with positive on-off squeeze grip, feature easy reading waterproof gauges.

- 20 004A91 . . .List $38.20 . . .**Sale $30.56**
- 20 005A91 . . .List $57.25 . . .**Sale $45.80**
- 20 006A91 . . .List $71.41 . . .**Sale $57.13**

***Save 20% • Save 20% • Save 20%***

## LUBRICANTS

**Offering The Lowest Prices...**

Oil Special: We've stocked up on quality oil so you can stock up and save, too!

***Selling Hydraulic Fluid at Low Prices!***

UNIVERSAL HYDRAULIC FLUID

**PERMATRON III**

Universal extreme pressure transmission & hydraulic fluid. Stock One Oil For All Your Farm Equipment.

**Permatron III Oil**

- 841743MI 2.5 gal. . . . .List $13.56 . . . . .**Sale $10.85**
- 841813MI 5 gal. . . . . .List $26.16 . . . . .**Sale $20.93**
- 841744MI 55 gal. . . . .List $263.14 . . . .**Sale $210.51**
- 841850MI 330 gal.. .List $1437.62 . . .**Sale $1150.10**

**Motor Oil 15/40**

- 841734MI 2.5 gal. . . . .List $12.59 . . . . .**Sale $10.07**
- 841815MI 5 gal. . . . . .List $25.14 . . . . .**Sale $20.11**
- 841735MI 55 gal. . . . .List $259.89 . . . .**Sale $207.91**

**Lube & Fuel Filters**

**20% OFF All Filters**

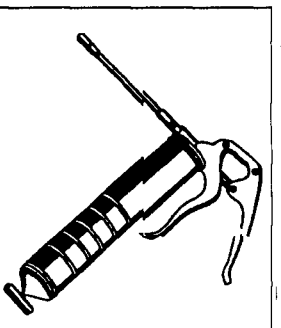
### MF Filters

Lube, Fuel, Air, Hydraulic

**20% OFF All Filters**

***Don't fall for lookalikes – use Massey Ferguson filters for better & longer engine life.***

### Grease & Grease Guns



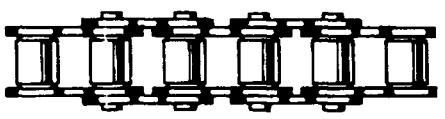
- 841618MI - 10 pkg. . . . .List $11.30 . . . . . .**Sale $9.90**
- 841618MI - 50 pkg. . . . .List $56.50 . . . . . .**Sale $45.20**

1904778M9I Pistol Action Grease Gun . . . . . .List $19.68 . . . . . .**Sale $15.74**

79004186 Lever Action Grease Gun . . . . . .List $13.29 . . . . . .**Sale $10.63**

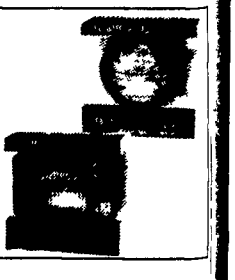
### U.S. Diamond Roller Chain

**20% Off Regular Price for 10 ft. Rolls**



*Choose the quality, price & size of chain & links you need. We offer domestic chain.*

### HALOGEN LIGHTS



- PS7376250 3X5 Narrow Hood . . .List $20.14 . . . .**Sale $16.11**
- PS7376150 3x5 Wide Hood . . . .List $20.14 . . . .**Sale $16.11**
- PS7189850 4x6 Wide Hood . . . .List $22.68 . . . .**Sale $18.14**
- PS7523750 4x6 HiLow Beam . . .List $32.14 . . . .**Sale $25.71**
- PS7346850 Round Light . . . . . .List $26.32 . . . .**Sale $21.06**

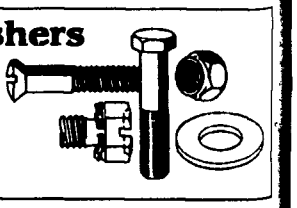
**SINCE 1936**

## M.M. WEAVER & SONS, INC.

**Leola, PA 17540 Phone: (717) 656-2321**

*Located: 4 miles West of New Holland on Rt. 23, 11/2 miles Northeast of Leola on the N. Groffdale Rd., 1 mile on the right, opposite Groffdale Mennonite Church*

### Hex Bolts Grade 5 Hardware Nuts/Washers

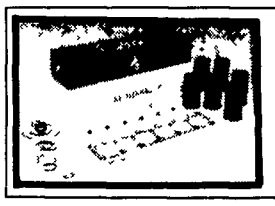


Grade 5 Plated Hardware Available by the Pound

Save! Buy Per Pound!

**99¢** Per lb. Self Service

**$1.10** Per lb. We Pick



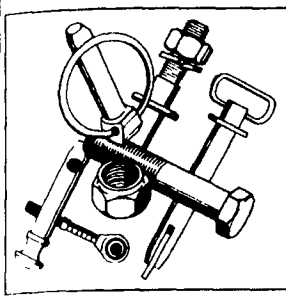
### 15% OFF all MF Overhaul Kits

- 839 236 M91 . . . . . .List $385.53 . . .**Sale $327.70**
- 839 238 M91 . . . . . .List $449.93 . . .**Sale $382.44**

# Wake Up To Savings
## At Our
# Parts Fair Sale

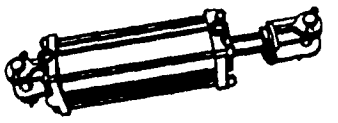
**QUALITY PARTS • QUALITY PRICES • QUALITY SERVICES**
**ONCE A YEAR PRICES, ONCE A YEAR SAVINGS**

SINCE 1936
**M.M. WEAVER & SONS, INC.**
**Leola, PA 17540 Phone: (717) 656-2321**
*Located: 4 miles West of New Holland on Rt. 23, 11/2 miles Northeast of Leola on the N. Groffdale Rd., 1 mile on the right, opposite Groffdale Mennonite Church*



## HITCH PINS & ASSORTMENTS
# SAVE $!
## ON SALE NOW

## Cross Hydraulic Cylinders



- 2508DU 2.5x8 Stroke ..... List $73.33 ..... **Sale $65.99**
- 308DU 3x8 Stroke ..... List $64.50 ..... **Sale $58.05**
- 3508DU 3.5x8 Stroke ..... List $93.89 ..... **Sale $84.50**
- 408DU 4x8 Stroke ..... List $109.27 ..... **Sale $98.34**

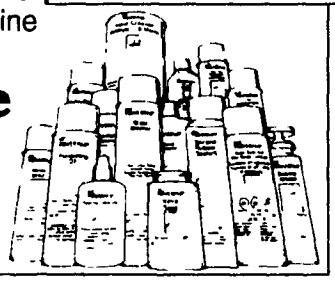
## POWERPART CHEMICALS and PAINT SALE

Work faster & easier with Powerpart Chemicals. Clean, lubricate, seal and condition with our full line of chemicals. For field, shop and home use.

# 20% OFF Regular Price

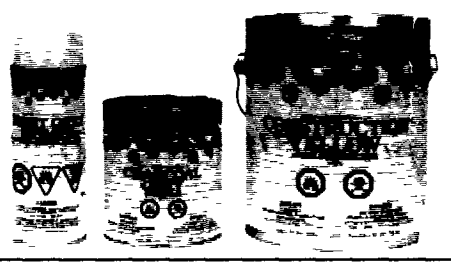
*Full Line of Quality Chemicals at Competitive Prices*

Frees all Rusted, Frozen or Corroded Lugs & Bolts



## POWERPART PAINT

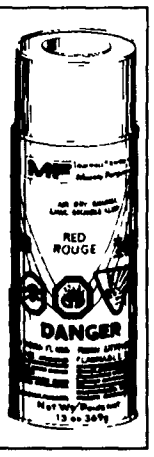
Put on a fresh look with our Powerpart Paint available in quarts, gallons and aerosol cans.



## MASSEY FERGUSON PAINT

Increase the resale value of your machine with Massey Ferguson Paint!

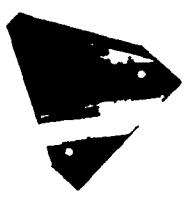
**20% OFF Regular Price**




## CUTTER BAR PARTS

*It Takes Two Sharp Edges To Cut!*

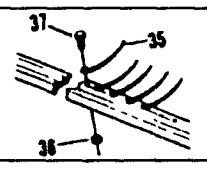
**20% Savings**



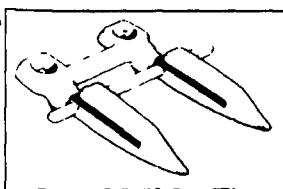
**Cutter Bar Parts & Sections**

- PS 112-001 1053209M1HC ... List $.81 ..... **Sale $.65**
- PS 622-011 1904914M1QC .. List $1.20 ..... **Sale $.96**
- PS 412-032 146503M2 Rigid .. List $.77 ..... **Sale $.62**
- 420100058 Sch. ..... List $1.00 ..... **Sale $.80**

## REEL TINES




- 1052-668M1 Steel Teeth ... List $.75 ..... **Sale $.65**
- 2763 064M1 Plastic Teeth . List $.75 ..... **Sale $.65**



## GUARDS
## 20% SAVINGS

- 244 925M1 Floating 9000 ..... List $16.11 ... **Sale $12.89**
- BU-215A NH Haybine ..... List $8.28 ..... **Sale $6.62**
- BU-231 Floating HC ..... List $9.14 ..... **Sale $7.31**
- BC-240A Rigid ..... List $6.82 ..... **Sale $5.46**

Refreshments & Door Prizes

10% off all non-sale items through Jan. 30, 1999

## You're Invited To Our
# OPEN HOUSE
## Thursday, Jan. 28th

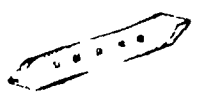
**Senator Noah Wenger Plans to Speak at 2 p.m.**

*ON SALE AS PER INVENTORY*

## TILLAGE DISC BLADES
# 20% Savings

## TWISTED CHISEL POINTS

- Heat treated, tumbled & varnished
- 1/2" thick for longer wear
- Fits 2¼" centers for 7/16" plow bolts



Reversible
- TC 125 L 1/2 x 3 x 22 ..... List $9.84 ..... **Sale $7.50**
- TC 125 R 1/2 x 3 x 22 ..... List $9.84 ..... **Sale $7.50**

Slash Points
- SOS 02 L 1/2 x 4 x 24 ..... List $13.97 ..... **Sale $10.95**
- SOS 01 R 1/2 x 4 x 24 ..... List $13.97 ..... **Sale $10.95**

## TILLAGE PARTS SALE
### MOLDBOARD PLOW PARTS

*Direct Shipment From Manufacturer to Us Allows for These LOW PRICES*

There is a difference – 3 layers of steel for:
• LONGER LIFE • SHOCK RESISTANT • LESS CRACKING

***PLUS THE BEST WARRANTY IN THE INDUSTRY!***

**16 INCH 4 BOLT PLOW SHARES**
- SM 475167 Share ..... List $10.82 ..... **Sale $8.66**
- SM 475715 Share ..... List $14.62 ..... **Sale $11.70**
- SM 475716 Share ..... List $15.09 ..... **Sale $12.07**

**FITS MOST PLOWS**
- SM 1073613 Coverboard ..... List $14.42 ..... **Sale $11.54**
- SM 660020M1 Shin ..... List $10.49 ..... **Sale $8.39**

**MOLDBOARDS**
- SM 660010M1 Moldboard ..... List $67.82 ..... **Sale $54.26**
- SM 660204M1 Moldboard ..... List $71.74 ..... **Sale $57.39**

## REVERSIBLE POINTS - *UNIVERSAL*

- P57-0202 2 x 5/16 x 10.5 .. List $3.82 .... **Sale $3.05**
- P57-0204 2.5 x 5/16 x 10.5 List $4.86 .... **Sale $3.89**
- ST 20 2 x 3/8 x 11.5 ..... List $4.23 .... **Sale $3.38**
- P57-0966 1¾ x ¼ x 11 ... List $3.30 .... **Sale $2.64**

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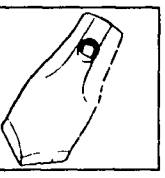

- S32-0001 1X1/2 ..... List $1.41 ..... **Sale $1.10**
- S32-0016 1/4 X 2¾ ..... List $2.37 ..... **Sale $1.90**
- S32-0017 1/4 X 4 ..... List $2.42 ..... **Sale $1.94**

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- SOS05 Moleboard R.H. ..... List $9.86 ..... **Sale $7.89**
- B45-1160 20" Flat Coulter Disc ..... List $26.58 .... **Sale $21.26**

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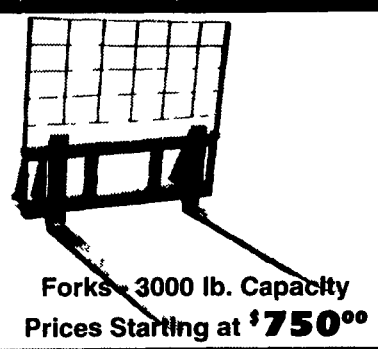

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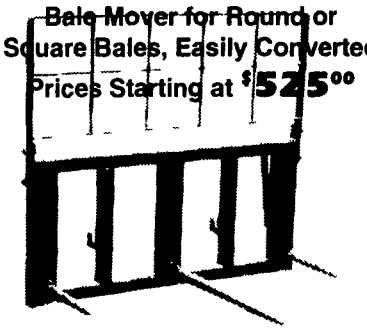

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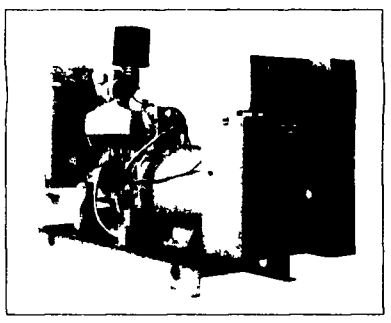

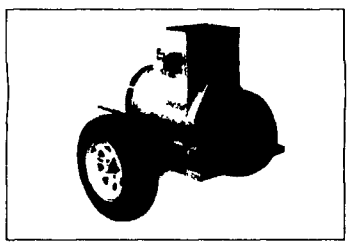

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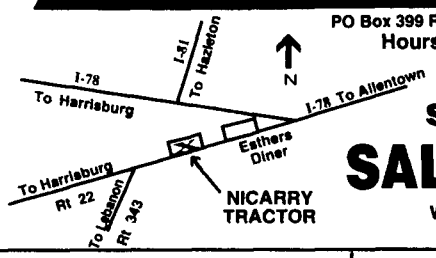


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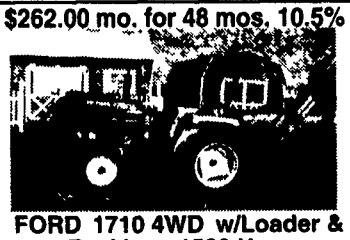

FORD 1710 4WD w/Loader &
Backhoe, 1500 Hrs.,
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Kubota L2550 GST 4x4,
Only 650 Hrs., Ex. Cond.

$221.00 mo. for 48 mos. 10.5%

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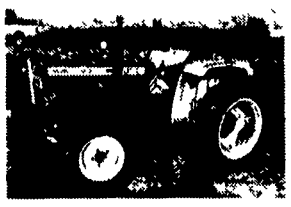

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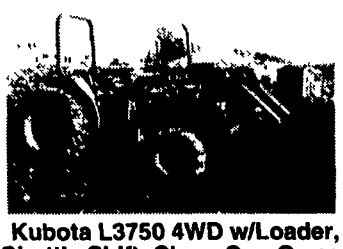

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- L3750 Kubota 4x4 w/Loader

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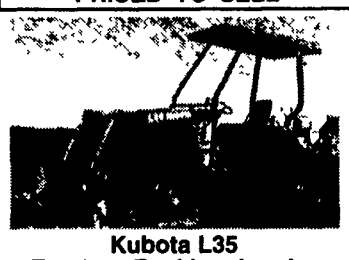

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|---|---|
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| JD 450C 6 Way | $12,500 |
| Cat D3B 1983 R.O.P.S., 6 Way | $18,500 |
| Cat D3B 1985, R.O.P.S., 6 Way | $19,500 |
| Dresser TD 8E, 1983, 6 Way | $19,500 |
| Komatsu D31A-17, 1986 R.O.P.S., 6 Way | $21,500 |
| Case 550E LT, 1993, 6 Way | $33,500 |
| CAT D7F-1974, ROPS ST/Tilt | $35,000 |
| Cat D5C LGP, Cab 1993 | $46,500 |

**CRAWLER LOADERS**

| | |
|---|---|
| International 150, 1970, power shift | $6,000 |
| Cat 963 LGP ROPS | $47,500 |
| Cat 953 LGP, 1987, R.O.P.S. | $47,500 |

**BACKHOES**

| | |
|---|---|
| Case 580SE, 1983, ROPS, Ext-Hoe | $15,800 |
| Case 580SE, 1984, ROPS, Ext-Hoe | $16,300 |
| 1988 Case 580K 2WD | $17,500 |
| Ford 555B, 1987, 4x4, cab | $20,500 |
| Case 580K, 1988, 4x4, Cab | $22,500 |
| Ford 575D, 1993, 4x4, cab, air, Ext-hoe | $26,500 |
| Case 680L , 1990, 4x4, cab | $28,500 |
| JD 710C, 1989, cab, standard | $32,500 |
| JD 710C, 1990, cab, air, standard | $32,500 |

**RUBBER TIRED LOADERS**

| | |
|---|---|
| Dresser 510,1979, cab | $17,500 |
| JD 544E 1989, Cab | $43,500 |
| Cat IT18, 1985, cab | $46,500 |
| Cat IT 14B, 1993, cab, low Hrs | $53,500 |

**FORKLIFTS**

| | |
|---|---|
| JLG 60H Manlift, 1985, diesel | $21,500 |
| Case 586E, 1989, 4x4, 14' ROPS | $21,500 |
| Gehl 663, 1989, shooting boom | $33,500 |

**TRACTORS LOADERS**

| | |
|---|---|
| Ford 515 Cab, 3 pt. PTO | $9,500 |
| Ford 445C 4x4, 3pt, PTO, Soft Cab | $21,500 |
| Ford 260, 4x4, 3pt, PTO | $24,500 |

**MOTOR GRADERS**

| | |
|---|---|
| Huber D1500, 1972, cab, scarifier | $5,500 |

**SKID LOADERS**

| | |
|---|---|
| Case 1835C-1988 | $8,500 |
| JD 675B, 1988, diesel | $8,500 |
| New Holland LX565, 1996, diesel | $14,000 |
| New Holland LX665, 1994 | $14,500 |
| JD 8875, 1996 | $16,900 |

**EXCAVATORS**

| | |
|---|---|
| Cat E70B, 1989, 3500 hours | $26,500 |
| Hitachi EX100, 1990, 3400 hours | $31,500 |
| Cat 307, 1994, 2600 hours | $32,500 |
| JD 190E, 1995, 1900 Hrs. | $38,000 |
| (2) Komatsu PC120-6, 1994-1993 | Choice $47,500 |
| 1997 Komatsu PC-120-6E 700 hrs. | $59,500 |
| 1995 Komatsu PC-200-6E, 1700 hrs. | $69,500 |
| Cat 320L, 1994, 2500 Hrs. | $69,500 |
| 1997 Cat 320B 1150 Hrs. | $89,500 |
| Link Belt 3400 Q, 1995, 2400 Hrs. | $120,000 |

**ROLLERS**

| | |
|---|---|
| Galion 4-6 Ton, 1960, tow package | $2,000 |
| Eager Beaver SRH150-1986-1-1/2 Ton | $2,150 |
| Bomag BW100AD, 1987 | $7,500 |
| Tampo RS16, 1982, 60" smooth | $14,500 |
| Ingersol Rand DD24, 1991 | $18,500 |
| Tampo RP28D, 1983?, 84" pad foot, DD | $18,000 |
| (2) Rex SP600, 66" Smooth, 1980-82 | $20,000 ea |
| Dynapac CA 15D, 1973, 66" Smooth, DD | $21,500 |
| Dynapac CA 15D, 1976, 66" pad foot | $21,500 |
| Dynapac CA 15D, '84, 66" smooth, DD | $24,500 |
| Dynapac CA25 II, 1984, 84" Drum Drive | $27,500 |
| Case 602B, 69", D.D. | $26,500 |
| Ingersol Rand SD100D-84" Smooth-1989 | $34,500 |

**TRAILERS**

| | |
|---|---|
| 1998 5 Ton Tag-a-long, 6.5x14 | $1,595 |
| 1998 5 Ton Tag-a-long, 6.5x16 | $2,195 |
| 1998 5 Ton Tag-a-long, 6.5x18 | $2,295 |
| 1998 6 1/2 Ton Tag-a-long, 8x19 | $3,750 |
| 1998 10 Ton Tag-a-long, w/air, 8x23 | $7,900 |
| 1998 20 Ton Tag-a-long, w/air F.E.T. paid, 8.5x25 | $12,800 |

**MISCELLANEOUS**

| | |
|---|---|
| Clark American 2000 Sweeper, lpg | $4,000 |
| Vermeer 2465 Stump Grinder, diesel | $7,500 |
| Puckett Bros T650B, 1988, paver | $10,500 |
| Neal DM4000 Paver, 1987, dsl, 600 hrs | $15,000 |
| Euclid R22 End Dump-1967 | $22,500 |
| JD 762 Self Loading Pan, 1980, cab | $28,500 |

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JD 4240, cab & air, quad
JD 4240, cab & air, power shift
JD 4040, 4 post
JD 2840
JD 2440, hi-tin
JD 4250, MFWD, cab & air, power shift
JD 4250, quad cab & air
JD 2950, cab & air
JD 2350, MFWD, cab & air
JD 2555
JD 2355, MFWD
JD 2155
JD 4230 quad range, fender
JD 4030, fender
JD 4020, diesel, syncro
JD 4010, diesel
JD 3020, diesel, WF, side console
JD 3020, diesel, WF
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IH 2444
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AC 5 btm
JD 5 btm

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|---|---|
| 93 Cat 416 B 4WD, EROPS, Ext Hoe, Very Good | $29,750 |
| 89 Case 580K, 4WD, Cab, Ext Hoe | $23,500 |
| 87 Case 580E, 2WD, ROPS Standard | $13,500 |
| '80 Case 580C, 2WD, Cab Standard | $12,000 |
| '87 Case 580K, 4WD, Cab, Ext Hoe | $18,000 As Is |
| '92 JD 310D, 4x4, Cab, Turbo | $29,000 |
| '88 Case 580K, 4WD, Cab, Ext Hoe, 4WD. | $23,000 |
| '89 Case 580K, 2WD, Cab, Standard | $20,000 |
| '94 JD 210C 4x4, ROPS, 3 pt w/Box | $22,000 |
| '89 JCB 1400B, EROPS, 4x4 | $18,500 |
| '89 Case 580K 4WD Cab Standard | $25,000 |
| '87 Case 580K 4WD Cab, E Stick... | $22,500 |

**FORKLIFTS**

| | |
|---|---|
| 89 Case 585E, 4WD, ROPS, 21' 4WD | $20,000 |
| '93 Case 585E, 4x4, 21' Mast | $22,500 |
| (4) '94 JCB 506B, 36' R O P S., 4x4 | $39,000/ea. |
| '90 Lull 644 Deutz 34' 4x4... | $25,000 |
| '94 Lull 844 B JD Dsl 4WD, 38'.. | $35,000 |
| '90 Case 586E 2x4 ROPS, 21', V. Good. | $19,000 |

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| Komatsu D575 GP Bucket, OROPS, Good Bottom, Needs Motor Work | Call |
| '83 943 ROPS, G.P. Bucket | $28,500 |
| '88 Leiberr 631-B EROPS w/4 In 1 Bucket | $30,000 |
| JD 755A, GP Bucket, OROPS | $29,000 |
| '75 CAT 977L, Cab GP Bucket | $23,500 |
| '92 CAT 963 LGP EROPS, GP Bucket | $80,000 |
| '90 Case 455C 4-in-1 Bucket | $18,500 |

**LOG SKIDDER**

| | |
|---|---|
| JD440A Dsl., P/S | $10,500 |

**WHEEL LOADERS**

| | |
|---|---|
| JD 544 Cab, GP Bucket | $12,500 |
| 86 Cat 950B EROPS, G P Bucket | $45,500 |
| '72 Cat 920, EROPS, G P Bucket | $20,000 |
| 94 Fiat Allis FR 9B, EROPS, V Clean | $32,500 |
| '92 Cat 966 F Series II, EROPS, New Rubber | $95,000 |
| '87 Cat 926 EROPS, Coupler w/Forks | $29,000 |
| '85 JD 644C EROPS, G P Bucket | $30,000 |
| 90 Case 621 EROPS, GP Bucket, V Good | $48,000 |
| '97 Case 621B EROPS, GP Bucket | $69,000 |
| '86 Case W-14B EROPS, GP Bucket | $29,000 |
| '89 Fiat Allis FR10B, EROPS, GP Bucket | $25,000 |

**SKID LOADERS**

| | |
|---|---|
| '96 Bobcat 753 Boss Sys , Series C | $12,500 |
| 97 Scat Trac 1700C Diesel | $12,500 |
| '92 Case 1840 Dsl | $10,200 |
| '90 Case 1840 Dsl | $8,500 |

**EXCAVATORS**

| | |
|---|---|
| '96 Komatsu DC200 6 | $69,500 |
| '87 Case 1080B Leveler, Long Stick | $25,000 |
| '91 Hitachi EX-100 LC, V Good.... | $25,500 |
| '91 JD 290D LC, Long Stic | $32,000 |
| '87 Case 170C, Longstuck, V Good. | $24,500 |

**CRAWLER DOZERS**

| | |
|---|---|
| '93 JD 450GLT, 6-Way, Very Good. | $35,000 |
| '95 Cat D-3C Series III, 6-Way, 1200 Hrs. | $39,000 |
| '90 Komatsu D-37E LT, 6-Way Blade | $26,500 |
| '93 Cat D-5C LGP, 6-Way.... | $47,500 |
| '97 Case 850G, Longtrack, 6-Way.... | $62,500 |
| '95 Case 550E, Longtrack, 6-Way | $40,000 |
| '88 JD 750 6-Way, ROPS, V.G | $29,000 |
| '90 Case 1550 LT S/T Blade | $45,000 |

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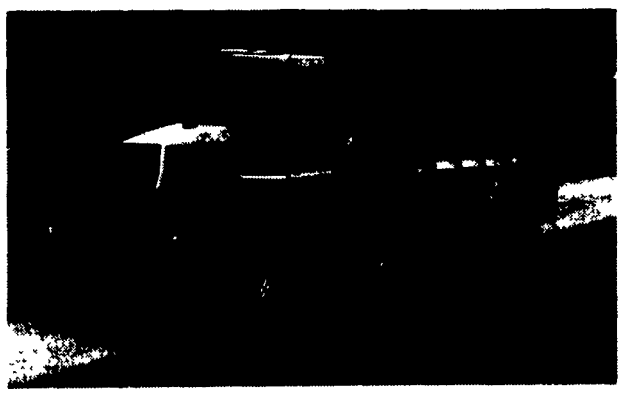
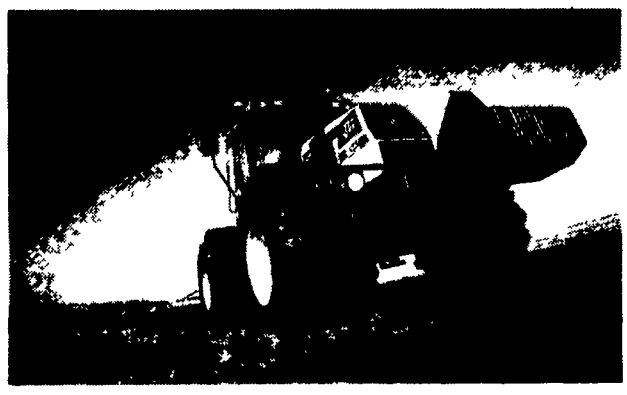


# FIELD TEST



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NH 8670, 4WD, Cab, Super Steer
NH 8560, 4WD, Cab
NH TS110, 4WD, No Cab
NH TS100 SOLD w/Cab

**SKID STEER**
NH LX865
NH LX885

**SKID STEER ATTACHMENTS**
605 Trencher Hi-Flow
Mini Backhoe
72" FFC Preparator

**COMPACT TRACTORS**
NH TC29D
NH TC25

**LOADERS**
NH 7411 Ldr
NH 7410 HD Ldr
NH 7310 Ldr
NH 7308 Ldr

**LAWN & GARDEN**
LS 25 w/38" Deck
LS 35 w/42" Deck
LS 45 w/52" Deck
LS 55 w/48" Deck w/Grass Catcher

**EQUIPMENT**
NH 644 Round Baler
NH 644 Auto Wrap Baler
NH 654 Round Baler
NH 575 Square Baler
NH 1411 Discbine
NH 1431 Discbine
NH 62B Blower
NH 256 Rake
NH 195 Manure Spreader
NH 190 Manure Spreader
NH 185 Manure Spreader
NH 165 Manure Spreader
NH 155 Manure Spreader
NH 790 Forage Harvester, Metal Alert
NH 824 Corn Head
NH 990W Hay Head
NH 716C 3 Pt Snowblower

**Located: 1 Mile Off Exit 8, On 696 North To Orchard Rd.**

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New, improved, round hay-bale feeder feeds large or small hay bales along with square bales. University proven hay savings. This feeder is built of heavy 1¼" pipe and heavy steel for ring.

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Ford 1920 4x4, cab w/loader
Ford 1620 4x4, w/Ford belly mower
Ford 655A 4x4 w/cab loader & backhoe
Ford 800 w/LPTO
Ford 2910 w/front mount broom
Ford 3000 PS, LPTO
Ford 7710, no cab
Ford 445D loader & cab, New
Ford 9600 w/cab
Ford 445A Loader, 3 pt. PTO
Ford 5000D 8 Speed w/Loader
Ford TW10 Cab w/ Duals
Ford 340 w/loader, 3 pt. PTO
Ford 2120 2WD w/loader
Ford 2000 PS w/snowplow
Ford 3400 Loader Backhoe
Ford 4000D, PS, LPTO
Farmall Cub w/IH belly mower
Ferguson 20 w/snowplow
Case 430, 3 pt. w/loader
Kubota L175 w/Snowplow & Woods Mower
Kubota B9200 4x4 w/loader & belly mower
MF 135 w/LPTO & Power steering
NH 354 grinder mixer
H&S 225 PTO spreader
Ford 801, PS w/loader
Ford 515 3 pt mower
NI 324 2R corn picker

## FOR SALE

**J.D. 5820 2WD Harvester**
**4 Row Corn Head, 7' Pick Up**
**3 I.H. Self-Unloading Trucks, Diesel, Auto., Air Brakes, etc.**

Lots of extra parts, service records, etc.
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*after 4:00 p.m.*

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***"Happy New Year"***

## "Will Buy JD Tractors"

| | |
|---|---|
| JD 7800 cab 4x4 PS trans 3100 hrs | $54,000 |
| JD 4055 PS 4x4 cab 1 owner nice 4100 hrs | $38,500 |
| JD 4255 cab 4x4 PS trans good work horse | $36,500 |
| JD 4055 Cab MFWD PS Trans 80% Rubber, Nice | $35,200 |
| JD 4050 PS Trans Cap 4x4 466T Motor | $32,800 |
| JD 4440 cab PS trans 2 hyd axle duals | $20,500 |
| JD 4040 SGB QR Trans 2 hyd nice | $16,800 |
| JD 4430 cab QR trans 1 owner orig 1977 | $16,500 |
| JD 2350 cab 2 hyd 3405 hrs orig nice | $15,800 |
| JD 5400 TSS Trans 2 Hyd 1800 hrs nice | $15,000 |
| JD 4230 SGB QR trans 4x4 2 hyd, nice | $14,800 |
| JD 2355 ind PTO flat top fenders orig | $13,700 |
| JD 2140 75 hp same as JD 2750 overhauled | $11,900 |
| JD 4230 QR 1977 new motor fender tr SOLD | $11,800 |
| JD 2030 w/new loader & joy stick | $11,000 |
| JD 2940 hi/lo 2 hyd , 1000 plus 540 PTO, 80 HP | $11,000 |
| JD 2040 (2550) cab Ind PTO hi lo | $10,500 |
| JD 4000 SR trans new motor & paint 1972 | $9,500 |
| JD 2840 hi/lo 2 hyd 4800 hrs gd cond | $9,200 |
| JD 2040 Dsl 1982 turf tires 4700 hrs nice | $8,500 |
| JD 2030 diesel hi/lo new paint | $7,100 |
| JD 2130 diesel 65 hp, 239 engine new paint | $7,100 |
| JD 4010 diesel WF new motor & turbo | $7,000 |
| JD 1120 ind PTO new paint, good | $6,000 |
| 96 Model 721 Grasshopper o turn radius mower | $5,000 |
| NI 325 2RN picker late model, 12 roll bed | $4,200 |
| MF 35 gas delux in good working condition | $3,500 |
| Farmall H w/Recent Overhaul | $1,200 |
| JD factory WF for 3020 thru 4020, new | $1,350 |
| JD yellow roof roll bars, fits 2510 4020 s new | $950 EA. |
| JD 18 4x38 10 bolt axle duals for 3 5/8" axle | $850 |
| NEW 5 3 pt King Kutter mower | $690 |
| Turbo kit for JD 4020 | $600 |
| Roll Over Prot Cab off JD 4020 | $500 |
| Year Round Cab off JD Side Cons 3020 | $300 |
| JD 4020 or 3020 toplinks brand new | $175 ea. |
| Woods ldrs & snow blowers in stock | at 20% off |

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### NEW EQUIPMENT

| | |
|---|---|
| Bodco Model 33 Feed Cart | $3,775 |
| Bodco Model 43 Feed Cart | $3,975 |
| Uebler 810 Feed Cart | Call |
| Bodco 13 HP Paper Chopper | $2,395 |
| Roto-Mix 3Pt. Bale Slicer (Demo) | $2,795 ~~$2,995~~ |
| McConnell Dump Wagon | $11,400 |
| Belarus 5145S, 55 HP, 4WD, Roll Bar | $18,250 |
| Belarus 6345 SR w/Shuttle, 63 HP, 4WD, Cab | $22,900 |
| Belarus 8345, 81 HP, 4WD, Cab, Syn. Trans. | $24,850 |
| Knight 8014, 300 Bu., Side Slinger Spreader | Call |
| Knight 8018, 400 Bu., Side Slinger Spreader | Call |
| Knight 1030, 300 Bu., Box Spreader | $8,250 |
| Knight 3030, Reel Auggie Mixer | Coming In |
| Westfield Augers 8"x61' | $2,750 |
| *All Augers Assembled* 8"x51' | $2,500 |
| *& Ready To Go* 8"x31' | $1,800 |
| Berg 18 ft. Manure Auger (weathered) | $1,850 |
| Dry Hill 32 ft. Pump (Rental) | Call |
| Bush Hog Scraper Blades To Fit 25 to 125 HP Tractors In Stock | |
| Bush Hog 2615 Rotary Cutter | $10,250 |
| Agro Trend 6 ft. Snow Blower | $1,550 |
| AgroTrend 7 1/2 Ft. Snow Blower | $2,550 |
| Many Makes & Models Energy Free Waterers In Stock | |

### USED EQUIPMENT

| | |
|---|---|
| Belarus 925, 100 HP, 4WD, Cab | $14,800 |
| IH 1466 Tractor, Open Station (Nice) | $7,800 ~~$8,500~~ |
| Allis Chalmers 7000 Open Station | $8,995 |
| Massey Ferguson 1080 Nice | $6,995 ~~$7,995~~ |
| J-Star 8 Ft. Pump (Needs Work) | $650 |
| Van Dale 32 Ft. Lagoon Pump, 98 Rental | Call |
| 16 ft. 3 pt. Hitch Lagoon Pump, Demo | Call |
| Van Dale 4100 gal. Tank Spreader (Rental) | Call |
| Van Dale 3300 gal. Tank Spreader (Rental) | Call |
| Oswalt 250 Mixer (Nice) | $6,500 |
| Oswalt 230 Mixer | $2,500 |
| Oliver Disc Drill SOLD | $325 |
| Bush Hog 60" Finish Mower (Used One Year) | $950 |
| Weaverline 430 Feed Cart | $1,500 |
| Agri Metal 13 HP Bedding Chopper | $1,200 |
| (2) Gravity Boxes | $750 to $1,250 |
| 4-Hole Super Bowl Waterer | $250 |
| (150) Galvanized Loop Stalls | ea. $29 |
| Show-Ease Water Cups | ea. $15 |
| Jamesway Green Water Cups | ea. $15 |
| (25) Jamesway Lever Stanchions | ea. $25 |
| Palco Head Chute w/Corral (Like New) | $2,500 |

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NH L785 Skid Steer
NH L565 Skid Steer, 600 Hrs
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### WHEEL LOADER BACKHOES

| | |
|---|---|
| 1986 Case 580E, ROPS | $16,000 |
| 1983 Case 580E ROPS | $15,500 |
| 1986 Ford 555B ROPS, 2WD | $14,750 |
| 1987 JD 310C ROPS, good cond. | $21,000 |
| 1992 JD 410D cab, 4x4 | $42,500 |
| 1990 JD 410C cab, 2WD. | $23,500 |
| 1989 JD 410C, cab, 4x4. | $29,000 |
| 1993 JD 410D, cab, 4x4, extendable dipper | $45,500 |
| 1975 JD 500C, semi cab, runs well | $8,850 |
| 1984 JD 510B cab, extendable dipper | $21,000 |
| 1985 JD 610B, cab, painted | $17,000 |

### MISCELLANEOUS

| | |
|---|---|
| Imperial Eastman 208-T, hyd hose cut off saw, 12" blade | $1,850 |
| Portable welding ventilator | $500 |

### CRAWLERS

| | |
|---|---|
| 1978 JD 755, 2-yard, rebuilt engine | $17,500 |
| 1993 JD 450G, 6-way blade | $41,000 |

### COMPACTION

| | |
|---|---|
| Sakai SV91D, 84" drum, soil compactor, drum drive, 1700 hrs | $38,500 |
| Sakai SW41 double drum roller | $22,500 |

### TRAILERS & TRUCKS

| | |
|---|---|
| 1987 Eager Beaver 20HA, SOLD 20-ton | $5,800 |
| 1985 Eager Beaver 20HA air brakes, 20 ton | $5,400 |
| 1975 Executive MFR. home, 440 Dodge | $2,500 |
| 1976 Mack single axle dump truck | $2,500 |

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JOHN DEERE

**Want To Buy John Deere Equipment - 70D, 590D & 490D/E**

### WHEEL LOADERS

| | |
|---|---|
| 1987 Dresser model 530, 3 1/4 yard, clean | $33,000 |
| 1993 Hyundai HL25, 3-1/2 yard, good | $68,000 |
| 1989 JD 210C, landscape loader w/ Gannon 3pt hitch, ROPS, & York Brake | $20,500 |
| 1980 JD 444 EROPS | $19,000 |

### SKID STEER LOADERS

| | |
|---|---|
| 1991 Toyota SDK10, 1700 lb. lift, air Boss tires | $10,600 |
| 1988 Toyota SDK8, 1300 lb. lift, foam filled tires, backhoe attach., & front bucket | $9,250 |
| JD 24A diesel, 1400 lb. lift, 900 hrs. | $6,500 |
| 1993 Mustang 930A, 1000 lb. lift, cab, heater, bucket, 700 hrs. | $8,650 |
| 1997 Mustang 920E, 850 lb. lift, cab, heater, 90 hrs. | $14,500 |
| 1996 Mustang 2060, 1700 lb. lift, 120 hrs. | $21,600 |

### HYDRAULIC EXCAVATORS

| | |
|---|---|
| 1992 JD 70D w/blade, long stick | $37,500 |
| 1995 JD 290D, 1400 hrs., Excellent | $62,500 |
| 1990 JD 490D | $38,500 |
| 1992 JD 590D, 3000 hrs. | $77,000 |
| 1989 JD 690D, very good cond. | $54,500 |
| 1985 JD 790, runs well | $30,000 |
| 1993 Komatsu TC150-5, clean | $66,000 |
| 1986 Kobelco K905ALC | $27,500 |

### AGRICULTURAL & MISCELLANEOUS

| | |
|---|---|
| 3 Yd. 444E Material bucket, new | $2,400 |
| Stanley MB 125 hammer, low hrs. | $3,500 |

### ATTACHMENTS

| | |
|---|---|
| Dresher PC-19, asphalt profiler, set up for skid steer loader, 19" width | $3,500 |
| 93A Backhoe | $2,500 |
| 9300 Backhoes, Good Condition | $3,500/ea |
| Sweepster RHFA broom 6' for 3 pt. hitch tractor | $900 |
| Toyota Model 630, Trencher for Toyota Skid Steer. | $3,850 |
| Winch for JD 450C w/log arch | $5,000 |
| 4N1 bucket for JD 755 crawler loader | $2,500 |
| New 4N1 bucket for JD 455G | $5,000 |

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## USED EQUIPMENT - Check for New Additions Weekly

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27332 **Kubota KX41RB,** 22 HP, Excavator on Rubber Tracks w/16" Bucket. . $12.800
27180 **Kubota B1550** HSDB, 17 HP Diesel, 4WD, Hyst , Bi Speed w/Loader & Hyd Angle Plow, Frt Blade, 37 Hrs. $13,900
26802 **Kubota B2100** HSD, Diesel, 21 HP, 4WD, w/Hyst Trans, 60" Mower & 60" Power Angle, Frt. Blade (Like New) $13,900
27083 **Kubota L225,** 24 HP, Diesel, 2WD w/Loader $3,995
27306 **Kubota L275 DT,** 27 5 HP Diesel, 4WD w/60" Mower, P S. $5,495
26946 **Kubota L2550-F,** 29 5 HP, Diesel, Syn Shuttle, Real Nice $8,775
27038 **Kubota L3600** D T , 36 HP, w/Q-Tach Loader, Ind Tires, 379 Hrs $16,975
26940 **Kubota L5450 HDT,** 60 HP, w/Hyd Shuttle, Ind. Tires, ROPS, Cab w/Heat, A-1 Shape, Low Hrs $28,750
26586 **Kubota B6000 E,** Diesel, w/3 pt & 48" Mid Mower $3,995
26495 **Kubota B6100 E,** 14 HP, Diesel, w/3 Pt & PTO $5,495
27111 **Kubota B6100,** 14 HP Diesel, 3 Pt , PTO, (A 1 shape) $3,995
26886 **Kubota B6200 HST,** 15 HP Diesel, 4WD, Hyst Trans Turf Tires $4,995
26686 **Kubota B7100 HSE,** Diesel, w/3 pt & 60' Mid Mower, 556 Hrs $4,995
24152 **Kubota B7100 HSE 2WD,** Hyst , w/5 Mid-Mower, 16 HP Diesel $5,995
24561 **Kubota B7100 HSE,** 16 HP, Diesel, Hydro w/48' Mid Mower $4,975
27288 **Kubota B7100 DT,** 16 HP Diesel, 4WD w/Loader Ag Tires, (Like New) SOLD $6,995
27187 **Kubota B7100 DT,** 16 HP Diesel, 4WD w/Loader $4,995
27178 **Kubota B7200 HSD,** 17 HP Diesel, 4WD, Hyst , w/60" Mower $7,495
27244 **Kubota B8200 HSD,** 19 HP Diesel, Hyst Trans , 4WD, Mower, 339 Hrs $8,895
26827 **Kubota F2000,** 20 HP Diesel, 4WD, w/Hyst Trans , 60' Frt Mower $6,495
26954 **Kubota CF1800,** 18 HP, Diesel, 4WD, 60" Out Frt Mower, 225 Hrs $8,995
24350 **Kubota G-4200H** 12 HP Diesel, L G T w/44" Mower & Grass Catcher $3,495
27103 **Kubota G5200H,** 14 HP, Diesel, Hyst , Trans , 48" Mower, (Good Cond ) $3,895
26275 **Ford LGT 14D,** 14 HP, Diesel, Hyst, w/Hyd Lift, 48" Mower, Frt Blade, Trac Vac, 427 Hrs $3,995
26391 **Ford 145 LGT**, Hyst., Hyd Lift, 42" Mower $895
26275 **Ford LGT 146,** 14 HP Diesel w/48" Mower, Blade, Vac. $3,995
27202 **Ford 2N,** Good Paint, Good Tires, Runs Well $2,595
27310 **Ford 1210,** 16 HP, 4WD, Diesel, w/Loader, Turf Tires. $4,995
27182 **Ford 8N,** Good Paint, Good Tires, Runs Well, Loader. SOLD $3,495
27320 **Ford 8N** w/3 pt. - P.T.O , Good Rubber, Good Paint $3,450
24794 **Ford NAA** Gas Tractor w/3 Pt & PTO. $3,995
26150 **Ford 145,** 14 HP, Hyst. Drive, Hyd. Lift, 42" Mower $895
27004 **John Deere 214,** 14 HP, w/42" Mower $1,495
26608 **Case "VAC" Restored 1948,** New Tires, Painted, Runs Good, PTO, Pulley $2,475
26861 **Case 1594,** w/Cab, Heat & Air, Dozer Blade, 943 Hrs $16,990
27183 **Case 244-77,** 44" Mower, Frt. Blade... SOLD $650
26225 **Toro-Wheel Horse 2125** w/38" Mower & Catcher $1,495
27125 **Toro Wheel Horse 264-6,** 14 HP, 42" Mower, Grass Catcher (Good Cond ) $1,875
24696 **Wheel Horse LT-1100** w/mower. $750
26983 **Troy Bilt** 13.5 HP, Hyst. Trans , 38" Mower, 39 Hrs. $1,650
27060 **Bolens C154** Diesel, 4WD, w/48" Rear Tiller. $4,595
27110 **Bolens C11LT,** 11 HP, 38" Mower $495
27102 **Cub Cadet 1711,** 17 HP, Hyst. Trans , 50" Mower (Needs some Engine Work) $795
27220 **Gravley 432 L.G.T.** w/48" Mower $595
20988 **Gilson Lawn Tractor** 11 HP, 38" Mower, Gear Drive $465
21885 **Lawn Chief 6-830 Tractor,** 8 HP, 30" Mower $365
25170 **Sears Lawn Tractor,** 11 HP, 36" Cut $495
25022 **Mitsubishi MT-372,** Diesel w/3 Pt & PTO, 48" Mid-Mower, 300 hrs $3,900

**MOWERS:**

27219 **Kubota RE-72-25** 6' Belly Mower To Fit L-2250 & L-2550 $775
27234 **Ford** Flail Mower 3 Pt 6', Good Cond $695
26307 **Kubota RC-54-B** 54" mower w/Vac Unit (To fit B1550 & B1750) $1,195
23308 **Kubota RC60-72 Mower** 60" Mower, Gear w/Clutch, Good Condition $775
22776 **Kubota RC60-72H Mower** 5' Mid-Mt Finish Cut For Parts... $275
22146 **Kubota RC60-82H Mower** 5' Mid-Mower, Fits B-8200 HST Tractors, Never Used $1,500
26307 **Kubota RC 54-B**, 54" Mower w/Turbine Grass Catcher $1,195
23395 **Kubota Mid Mower RC-54B 54"** Fits B-1550 & B-1750 $1,095
27081 **Woods RM-59,** 3 Pt , 5' Finish Mower (Good Cond ). $875
27181 **Woods RM-48,** 3 Pt Finish Mower. $595
27092 **Woods RM400,** 3 Pt 4' Finish Mower. $695
15186 **Woods F35 Mower,** 5' Mid-Mount, Fits Ford 1710 Tractor, New (Retail $1,665)... $898
27162 **Bush Hog 5', 3pt. Finish Mower,** Rear Discharge, Used 1 Time.. $1,295
27206 **Landpride,** 3-Section 11' Finish Mower... $4,995
26490 **Heckerdorn 91" Frt. Wing Mower** w/32 H.P. Watercooled Eng. & Vac. System.... $3,900

**BLADES:**

23683 **Kubota B2030** Frt. Dozer Blade w/Hyd Angle & Skid Shoes.. $895
26456 **Frt. Mtd. Kelly Blade** for B7100 SOLD $695

**VAC UNITS:**

26309 **Kubota GC 44T-17,** Grass Catcher to fit T1700H, (w/Turbine) $295
21136 **Kubota G-3008 Grass Catcher** To Fit 48" LGT Mower $335
26365 **CC-60-B 3-Bag Kubota Catcher** For "B" Series (Never Used) $1,275
26708 **Trac-Vac 856,** 3pt, pto, Vac Unit & Cart.. $695
27062 **E-Z Vac** w/Motor & Cart $250

**MISCELLANEOUS:**

26007 **3 pt. Snow Blower** w/Elect. Chute Rotator $1,495
**Kubota B2650,** 50" Frt. Mtd. Snow Blower to fit B1550, B1750, B2150 (never used)... $2,100
25561 **Speeco 5'**, 3-pt., Rear Blade $175
26730 **Landpride** 5', 3 Pt., Rear Blade $195
27218 **Arps** 6' 3 Pt. Grading Box w/Teeth $395
27233 **Agri-Metal** Frt. Mtd. Leaf Blower To Fit F2100 & F2400, Like New.. $795
27258 **Trac-Vac 880,** 8 HP, w/8" Hose & Cart, Like New $1,695
27235 **Sweepster Broom** To Fit Frt. of F2100 & F2400 $750
27236 **Demco 55 Gal. Trailer Type Sprayer** w/Boom & Handgun, P.T.O. Pump Driven.... $495
**New Idea 150 bu. PTO Driven Spreader** $3,000
26862 **Bush Hog 109,** 9' Offset Trailing Mower $2,495
26387 **White Roto Boss 850 R. Tine Tiller** $695
26794 **Asplund 12" Wispering Chipper** w/Blower, Rebuilt Engine SOLD $5,500
27289 **Bear Cat,** 3 Pt., PTO Driven Chipper Shredder, Real Good Condition. $1,375
27135 **McKissic,** 3 Pt. Chipper Shredder (Like New) SOLD $895
26115 **Olathe Sweeper/Thatcher,** 20 HP, High Lift, Hyd Dump, (Real Nice) $4,995
27290 **Kubota,** 3 Pt. PTO Driven Log Splitter, Good Condition.. $250
25598 **Maibo Portable Air Compressor** (Hi-Volume Output).... $795
26788 **Leinbach 1-Button Plow** (Never Used) SOLD $275
26415 **3-Pt. 9 Tooth Chisel Plow** $495
27037 **Gill Pulverizer,** 3 Pt., 72" $495
27061 **Brinly,** 3 Pt., 1-Row Cultivator $75
22987 **Brillion 6LB64-01 Seeder** 64" Mower Size $895
23789 **Sears Tow Behind Sweeper 32" Mower,** good Shape $195
26268 **Custom Fab 16' 2 axle Trailer** 7,000 lb $1,795
26052 **Hudson Trailer,** Bed - 6x16, 2-Axle - 10,000 LB. $1,875
26268 **Custom Fabricated Trailer** $1,495
27163 **"RE" 7,000 lb. Two Axle Trailer,** (very good cond.).. $1,650
26489 **7' 3 pt.,** PTO Snow Blower, Very Good Cond. $1,995
27201 **Worksaver 48" Forks** to attach to Loader Bucket.. $345

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1981 Fruehauf Tub 28' Dump Trailer, Elec. Tarp - Vibrators, Matched Rubber, Nicest "81" Trailer You Will Ever See! $11,500

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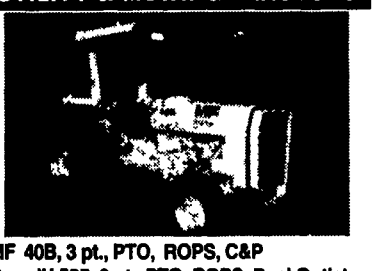
1986 Int. S-1900, S/A Dump, DT-466, 5+2 A/B, Cent. Hyd., 33,000 GVW
1986 GMC 3500 Utility, Single Whl., V8, 4 Spd.
1984 Ford LT9000 Truck Tractor, 270 Cummins, Jake, 8LL Trans., Nice Low Boy Tractor, $9,800
1986 Ford F250 Utility, S/W, V8, Auto
1988 Dodge D250 Utility, S/W, V8, Auto

## GRADERS

Champion 720A Grader, Articulated, Tilt, Det. Diesel
Huber M-750 Maintainer, Diesel, Wide Tires, Hydro
Huber M-600 Maintainer, Gas, Wide Tires, Front Blade
1986 Fiat Allis FG85A, EROPS, Art., Power Tilt, Front Scarifier, $24,500
(2) Clark 301P, 4x4, EROPS, AWS, Detroit Diesel

## UTILITY & MOWING TRACTORS



MF 40B, 3 pt., PTO, ROPS, C&P
Case IH 585, 3 pt., PTO, ROPS, Dual Outlets
Case IH 485, 3 pt., PTO, ROPS

## ROLLERS

(3) Gallon 10 Ton 3 Whl, JD Diesel, Hydrostatic
Gallon 4 to 6 Ton, Gas w/Tow Package $4,750
Gallon P3500A, 9 Whl., Diesel, Rebuilt Trans. & Power Shuttle, $8,500

## SKID LOADERS

Case 1835C, New Engine, Good Tires, $8,900
Bobcat 753 - $10,500

## FORKLIFTS

Dynalift D4P60, RT, 4x4, JD Diesel, 34', 6000 lbs., $24,500

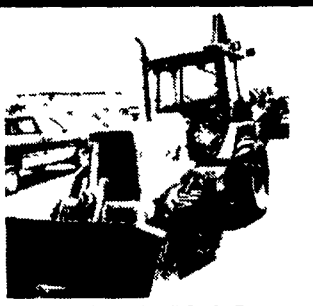
## CHIPPERS

Asplundph Brush Chipper, 6 Cyl. Ford Gas, $5,500
Lindig XL12 Chipper, 6 Cyl. Ford, Gas, $6,900

## AIR COMPRESSORS

(1) IR 175 CFM, Deutz Diesel
(1) 1993 LeRoi 175 CFM, JD Diesel, 300 Hrs., Excellent Condition

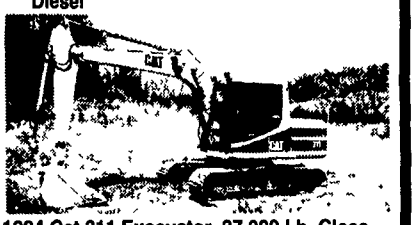
## BACKHOES



(2) 1995 JD 310D, 4x4, EROPS, Extendo
JD 9300 Hoe Attachment For 450C
1992 Cat 426B, 4x4, EROPS, Std. Hoe
1995 Cat 416B, 4x4, Extendo, EROPS
Case 580K, 4x4, EROPS, Extendo, $26,500

## GRADALLS & EXCAVATORS

'87 Gradall G660C, Diesel Up & Down, Remote, Joy Stick Controls, $30,000
Gradall 660C Crawler, Joy Stick Controls, $24,500
Gradall G660, Diesel Up & Down, Remote $12,500
Gradall 440, Remote, Gas Down, Diesel Up
Gradall 440 Crawler, Nice Machine, Detroit Diesel



1994 Cat 311 Excavator, 27,000 Lb. Class
Kubota KH026 Mini Excavator, OROPS, Diesel, Rubber Tracks, Dozer Blade $11,500

## LOADERS

Clark 45C, EROPS, Detroit Diesel
Clark 75B, EROPS Detroit Diesel, 3 Yard
JD 544B, EROPS, Coming In
Cat 922B, ROPS Over Cab, Heater
Case 480LL, 3pt Loader, 2WD, Diesel w/Power Broom, C&P $14,500
'88 Komatsu, WA100, EROPS, $24,500
'87 Volvo L-50, EROPS, $24,500

1983 Athey 712 Belt Loader, hydrostatic, Ford gas, excellent condition $19,900

## DOZERS

'89 Dresser TD-7G 6 Way Dozer, OROPS, Excellent Machine, V. Good UC

## SWEEPERS

(1) YBWB 3' York Broom, 5 HP, Gas Engine, Walk Behind
YB 32 7' Power Broom, 3 pt.

Many Pieces Not Listed! If You Don't See It - Give Us A Call!

Fisher Plows & Spreaders · Peerless Tire Chains · Swenson Spreader · Meyer Products · Meyer Snow Plows · Buyers Snow Equipment · Good Rakes Plows & Spreaders

# Super Boom™ is best

When you're looking for a skid-steer, there's the challengers and then there's the champ. Well say hello to the undisputed champ in the all-new Model LX885 New Holland Super Boom™ skid-steer loader.

It has a 60-horsepower, turbocharged diesel engine for the ultimate in power. Its massive 2,200-lb. operating load picks up where all others leave off. Of course, it has the features you expect from New Holland, such as the best speed, stability, visibility, lift height and dump reach in the industry. Add that to the Pick Up 'n Go™ universal attachment system and there's nothing it can't handle.

Stop by today and see for yourself why no other skid-steer can compare.

NEW HOLLAND

Why choose a New Holland skid-steer loader?

- **Superior visibility**
- **Greater bucket & lift capacity**
- **Unbeatable stability**
- **The most attachments**
- **Faster speeds**
- **Unmated dependability**
- **Superior dump height & reach**

## QUALITY USED EQUIPMENT FOR SALE

- MF 1105 Tractor
- Headland Martin 1460 Manure Spreader
- MF 520 12 ft Disc Harrow

**HARVESTING EQUIPMENT**

- Gleaner "K" Combine w/Grain Platform
- NH 890 Harvester w/Heads
- NH 27 Blower
- NH 28 Blower
- NH 717 Harvester
- Dion Forage Wagon, 3-beaters, 10 ton gear, ex cond

**HAY EQUIPMENT**

- NH 488 Haybine
- (2) NH 489 Haybines
- (2) NH 492 Haybine
- NH 499 Haybine
- NH 1495 Haybine–For Parts
- NH 412 Discbine
- NH 411 Discbine
- NH 256 Rake
- JD 894A Hay Rake
- Zimmerman 7-1/2 Ft Hay Tedder
- NH 570 Baler w/72 Thrower
- IH 430 Baler w/Thrower
- NH 310 Baler w/Thrower
- Hesston 555T Round baler-$10,995
- JD 27 14 ft Flail Shredder
- Bush Hog 6' Flail Mower

# GET PRECISE APPLICATION CONTROL

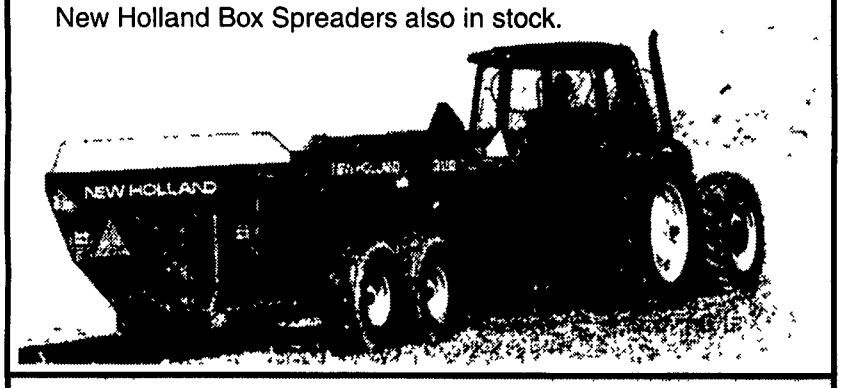
New Holland side-delivery spreaders provide the most material control. Whether you're light top dressing, laying down a heavy layer, or anything in between, the Model 3110 puts the right amount of material right where you need it.

- Handles a wide variety of material – slurry, gutter material, cow manure, even poultry litter.
- V-tank design delivers material to the auger fast.
- Heavy-duty round-core auger produces less drag.
- Double-acting hydraulic cylinder moves auger up and down to keep material flowing.
- Hydraulic gate and specially designed expeller give precise application control.
- Backed by a 10-year warranty against tank rust-through.

NEW HOLLAND

See us for all your spreader needs.

New Holland Box Spreaders also in stock.




## BHM FARM & LAWN EQUIP.

SALES - PARTS - SERVICE

Route 934 - 2 Miles North of Annville, PA

Telephone 717-867-2211

**N.H. 452 Skid Loader.....$4,800**

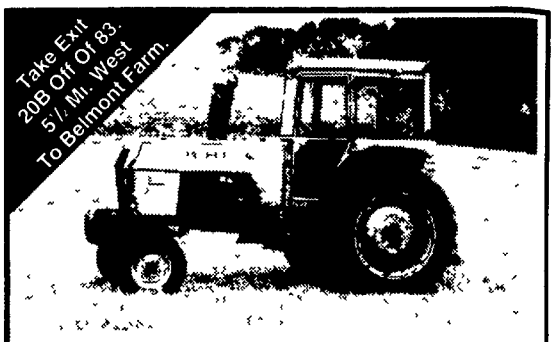
**Gehl 95 Grinder Mixer.....$675**

**I.H. 340 Tractor & Loader.....$3,200**

**M.F. Diesel Tractor**

**M.F. Tractor with Loader & Backhoe.....$4,800**

**717-354-0266**




**White 2-105,** 100 HP, Perkins Diesel, Nice..... .....Contract Pending' **$9,500**

**Also Available**

**White 2-135,** 135 HP, Cab, 3 Pt SOLD.....**$8,500**

**White 2-135,** Low Hrs , Very Nice .....**$11,500**

*Financing & Trucking Available*

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NEW HOLLAND

RR3, BOX 109
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TAMAQUA, PA 18252 PHONE: 570-386-5945
MON. THRU FRI. 8:00 A.M. TO 5:00 P.M.
FAX 570-386-4080
SAT. 8:00 AM TO 12:00

NEW HOLLAND

**OPEN HOUSE JANUARY 4-9 1999**

EMAIL cssnyder@ptd.net • WEB SITE- http://members.spree.com/business/cssnyder/.

| TAG # | DESCRIPTION |
|---|---|
| | **SKID LOADERS** |
| 10597 | NH LX885 Skid Loader No Bucket |
| | NH 665 Skid Loader |
| 10573 | NH L425 Skid Loader |
| 10567 | NH L785 Skid Loader |
| 10554 | C8000 Commander Rubber Track Crawler |
| 10535 | NH L785 Skid Loader |
| 10533 | L553 Skid Loader |
| 10479 | Case 1845B w/Bucket |
| 10383 | Bobcat 7753 Skid Loader w/Backhoe Attachment |
| 9609 | NH L553 Diesel |

| TAG # | DESCRIPTION |
|---|---|
| | **INDUSTRIAL TRACTORS** |
| 10603 | Ford 4500 TLB w/Cab Diesel |
| 10580 | Ford 655D 4WD Cab, 15' Ext Hoe |
| 10539 | JD 350 CE Track Dozer 6'6" w/Backhoe |
| 10502 | Ford 445A 4WD TL Gear |
| 10375 | JD 410B TLB w/Cab 2WD |
| 10323 | Ford 2000 TLB Gas |
| 10281 | Ford 655D 4WD Cab, Ext Hoe |
| 10178 | Ford 655A TLB Ext Hoe Cab, 4 Lever |
| 10077 | 655C TLB 4WD Cab w/Ext Hoe, 5 Lever |
| 9879 | Ford 655A TLB w/Cab 2WD |

**SHIP PARTS UPS DAILY**

## CHARLES S. SNYDER, INC.

NEW HOLLAND

RR3, BOX 109
1 MILE EAST OF RT. 309 ON RT. 443
TAMAQUA, PA 18252 PHONE: 570-386-5945
MON. THRU FRI. 8:00 A.M. TO 5:00 P.M.
FAX 570-386-4080
SAT. 8:00 AM TO 12:00

NEW HOLLAND

**SHIP PARTS UPS DAILY**

**OPEN HOUSE - JANUARY 4-9, 1999**

EMAIL cssnyder@ptd.net .
WEB SITE- http://members.spree.com/business/cssnyder/.

| TAG # | DESCRIPTION |
|---|---|
| | **TRACTORS** |
| 10329 | Ford 6600 Tractor w/Cab |
| 10330 | Ford 5000 Diesel Row Crop |
| 10419 | Ford 6600 Tractor 2WD w/Cab |
| 10434 | Ford TW-15 4WD Cab |
| 10466 | Ford 2000 Gas Tractor w/Triumph 5' Polly Sickle |
| 10569 | Ford 7610 Special 2WD 2 Remote |
| | **COMPACT TRACTORS** |
| | 1620 4WD Hydro Turf w/72" Mower |
| | 274 Commercial Mower w/72" Side Discharge Deck |
| | 274 Commercial Mower w/72" Rear Discharge Deck |
| 10220 | 1210 4WD Turf Gear |
| 10525 | Ford 2120 4WD Shuttle Shift w/Loader & Curtis Cab |
| 10568 | Ford 1100 Tractor Gear w/Loader |
| 10592 | Ford 1220 Hydro Turf 60" Deck |
| | **COMBINES** |
| 10469 | JD E 7700 Combine Gear Diesel w/15 Grain Head w/4 Row Narrow Corn Head |
| 10393 | Claas 76 Gear Combine As Is w/Ford 4 Row Narrow Corn Head w/Ford 13' Grain Head |
| 10153 | TR 70 2WD w/15 Flex Grain Head 6 Row Narrow Corn Head |
| 9950 | Ford 975 Gas w/13' Grain Head |
| 9944 | NH TR 85 2WD Cab Hydro |
| 9905 | Claas Dominator 68 w/13' Flex Grain Head |
| | **COMBINES HEADS** |
| 10187 | 974 6 Row Narrow |
| 10143 | 974 6 Row Narrow |
| 9907 | 15' Flex Head |
| | **PLOWS** |
| | Ford 145 3 Pt 4-16" Plow |
| 7310 | Ford 152 3 pt 5-18" Plow Auto Reset |
| 10063 | Ford 140 3-16" |
| 10224 | Glencoe 10 Tooth Chisel Plow |
| 10284 | Ford 101 3-14" 3 Pt Plow w/Coulter Gauge Wheel |
| | **MANURE SPREADERS** |
| 9578 | NH 520 w/Upper Beater |
| 9988 | NH 306 Tank Spreader w/1700 Gal Sides |
| 10240 | 304 Slurry Spreader |
| 10551 | NH 520 Box Spreader w/End Gate |

| TAG # | DESCRIPTION |
|---|---|
| | **GRINDER MIXERS** |
| 10169 | NH 358 Grinder Mixer 10 ft Auger 540 PTO |
| 9906 | NH 357 Grinder Mixer |
| | **BALERS & RAKES & WAGONS** |
| 10000 | NH 320 Baler w/Thrower |
| 10046 | NH 316 Baler w/Kicker |
| 10090 | NH 310 Baler w/Thrower |
| 10159 | NH 855 Round Baler |
| 10295 | NH 326 Baler w/Kicker |
| 10404 | NH 254 Rake Tedder 3 Pt. 10-1/2 |
| 10406 | NH 283 Baler w/Thrower |
| 10413 | NH D2000 Big Square Baler |
| 10438 | NH 310 Baler w/Thrower |
| 10444 | NH 283 Baler w/62 Thrower |
| 10472 | NH 320 Baler w/Thrower |
| 10511 | Miller Pro 1100 Rake |
| 10519 | NH 320 Baler w/70 Thrower |
| 10534 | Lamco 8'x18' Steel Side Bale Body |
| 10538 | NH 275 Baler w/Dual Tires |
| 10564 | NH 144 Hay Inverter |
| 10576 | L528 Grove Running Gear |
| 10585 | NH 575 Baler w/72 Thrower |
| | **HAYBINES** |
| 9726 | NH 474 Haybine New Rolls |
| 9998 | NH 489 Haybine |
| 10266 | 2550 Self Propelled Haybine |
| 10303 | NH 489 Haybine Standard Guard |
| 10309 | NH 489 Haybine Standard Guard |
| 10398 | NH 489 Haybine Standard Guard |
| 10405 | NH 499 Hydro Swing Haybine |
| 10424 | NH 469 Haybine Standard Guard |
| 10426 | NH 469 Haybine Standard Guard |
| 10443 | NH 411 Discbine 1000 PTO Shaft |
| 10447 | JD 1600 Hydro Swing Haybine |
| 10459 | NH 478 Haybine Standard Guard |
| 10476 | NH 499 Haybine Pivot Tongue |
| 10482 | NH 489 Haybine Standard Guard |
| 10507 | NH 411 Discbine 1000 PTO Shaft |
| | **TILLAGE & CULTIVATOR & PLANTING** |
| 9659 | IH 409 Drag Harrow |
| 9819 | Kongskilde 16' Harrow 3 Pt. |
| 9825 | Dunham Lehr 12' Roller Harrow |
| 10271 | Glenco 14' Field Cultivator |
| 10408 | JD Finishing Disc 13' w/Cylinder |
| 10530 | Ford 219 Offset Disc 7'6" w/Buster Bar |
| 10545 | JD TO1115 Finishing Disc 13'4" |
| 10547 | JD RG 3 Pt Cultivator 4 Row Cat 2 |
| 10579 | Unverferth 3 Pt. Zone Builder 4-Shank auto Reset 30" |
| 10593 | Brady All Purpose Pulverizer 6'6" Pull Type |

## FOR SALE

Jet Pro 936 M Series Dryer

**$48,500**

Wengers Of Myerstown

717-866-2130 - Ask for Ken

500 gal. Hardi Sprayer, 45' self-leveling booms, $3400; Case IH 600 blower, $2250; NH 40 blower, $1,350; equipment in good condition.

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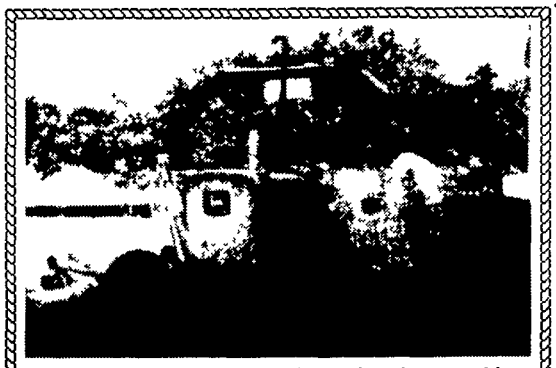


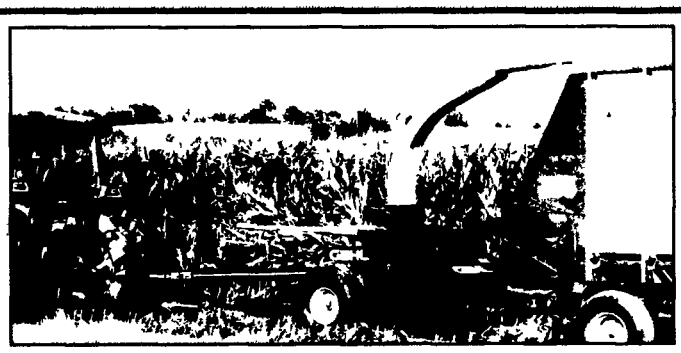
1976 John Deere 401B, 4 cyl. diesel, 8x4 trans. with hyd-reverser, yellow, canopy, good tires, with 1982 Tiger TM60, 60" side mount rotary mower. Asking $6,900. Stephenson Equipment, Inc., Dennis Heller 800/325-6455

- Sweet corn harvest, 2 R SP
- JD 7700 combine 2 heads
- Asteck crop sprayer
- John Blue field sprayer w/ss tank
- Payloader, Nelson, Cummins, diesel, $2,900
- 2 Ford dump trucks
- Super M, JD 50 tractor

(732) 946-8840

# GEHL

## See The New Gehl "Crop Processing Forage Harvester" And The New 4635 & 4835 Skid Loaders Plus More At The KEYSTONE FARM SHOW - January 5 & 6



### New! PULL-TYPE Crop Processing Forage Harvester

Chop and process corn silage with one pass through the field. Gehl's high-speed grooved rolls crack kernels, break up the cob and smash the stalk. The results: 10 to 20 percent higher digestibility for significant increases in milk production.

- **Huge harvesting capacity** - utilizes up to 300 tractor horsepower.
- **Eight-knife cutting cylinder** delivers length of cut up to 1 inch.
- **Swing-away auger** allows access to cylinder knives, processing rolls.
- **Roll assembly** is easily removable for haylage operations.
- **Processing roll gap** adjusts for varying crop conditions.

### All-New & Expanded!

### Gehl "35 Series" Skid Loaders

**35 Series Features Include:**

- *Reliable oil-cooled Deutz diesel engines*
- *Powerview® boom for better visibility*
- *All-Tach™ attachment system – now compatibile with more attachments*
- *Easy roll-back cab for easy servicability*
- *Hydraloc® system locks loader hydraulics and drive for added safety*
- *A variety of models with horsepower ranging from 44 to 80 and SAE lift capacities from 1425 to 2600 pounds*

For over 25 years, Gehl skid loaders have proven their worth in a variety of tough applications. And now the all-new "35 Series" is even tougher than ever. Four different models – all with increased lift and unsurpassed visibility – offer the latest in break-through design. Reliable, easy to maintain and very user-friendly, Gehl's "35 Series" skid loaders are the unit of choice for performance and quality.

## SEE YOUR LOCAL GEHL DEALER FOR CASH DISCOUNTS OR OTHER FINANCE OPTIONS

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A DIVISION OF
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**STOUFFER BROS. INC.**
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**A.L. HERR & BRO.**
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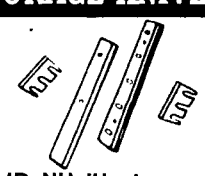
## FORAGE KNIVES



- JD, NH, IH, etc.
- Tungston Carbide Edge Knives from Weaver cannot be beat for Quality & Price

Give your chopper chopping fever with quality knives from WEAVER!

**Weaver Distributing**
**1-800-Weaver-D**
Fredericksburg, PA

Lots of parts for NI uni gear boxes, transmission parts, final drives, engine components

- Uni 800C (Cummins) 4WD
- NI Uni 6200 Chopper w/6220 Adapter for JD heads nice
- (3) NI 767 Super Chopper w/2 heads
- Grey 741 Uni Throat w/3RN 6000 Series Picker Head
- NI 800C 2WD
- IH 715, Hydro Diesel, Combine 1600 hrs
- NI 800 Uni w/4WD
- (2) NI 709 4 wheelers
- NI 818 combine
- NI 801, 4x4 w/excel 818 combine
- Uni huskers grey 839 737 and older
- NI 708 2 wheeler
- Some "Cheaper" Uni's w/huskers

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**USED EQUIPMENT**

- White 6085 Tractor
- White 288 Tractor
- Oliver 1855
- Deutz 4506
- White 5100 Soybean Splitter
- White 5100 6R Liquid
- White 5100 4R Planter
- (2) White 6100 6R Planter
- Kinze 6R Planter
- JD 7000 4R Planter
- Gleaner 6R 30 Hugger Head
- MF 4X Semi Mount Plow
- (2) Grove Forage Box
- NI 5112 Mower Conditioner
- Hesston 1160 12' Hydro Swing
- Hesston 1160 14' Windrower
- NI 484 Round Baler
- Fox 2200 Forage Harvester
- Brillion 10' Cultimulcher
- Brillion 10' Seeder
- Miller Pro Forage Boxes in Stock
- NH 795 Manure Spreader
- IH 6200 Drill
- Hesston Stackhand 10

**STANLEY'S FARM SERVICE**
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Klingerstown, PA
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WE ALSO STOCK NEW VICON

Badger | JOHN DEERE | WOODS | Brillion | LAND PRIDE

## USED EQUIPMENT

### TRACTORS

Deutz DX90 2 WD
IH 856 Wide Front
IH 350 w/Fast Pitch
Ford 800 Tractor
JD 7200 2WD (No Cab)
JD 1010 Gas
JD 520 w/WF
JD 440 Loader & Backhoe
JD 420 Crawler w/Ldr
JD 6200 w/Cab 2WD
JD 4555 w/Cab 4Wd PS
JD 770 w/Loader Low Hours
MF 135
MF T035
NH L553 Skid Loader
Mustang 940 Diesel Skid Loader
JD 570 Gas Skid Loader

## SEASONS GREETINGS

### MISC EQUIPMENT

NH 514 Spreader Like New
Gehl 125 Mixer Mill, Like New
Woods 10 Ft #121 Rotary Mower
JD 450 5-Bottom Plow
JD 338 baler (no thrower)
IH 12 pull type chisel plow
JD 10 chisel plow
Brillion 7 chisel plows
JD 115 10 1/2 disc
JD 640 hay rake
Kuhn 2 rotor hay tedder
Pequea 4 rotor hay tedder
NH 275 baler w/thrower
Gehl CB600 harvester nice
Kelly loader for JD 2240
IH disc harrow 14'
Vermeer #605 H round baler
JD 5½' hay pickup
Vicon KM, 241, 7' disc Mo/Co, like new
Badger tandem forage wagon

**NEW EQUIPMENT SPECIAL**
JD 7020 MO-CO
*(Cash Sale Only)* **$9,875**
Landpride 15' Rotary Cutter
**$7,995**

**PIKEVILLE EQUIP. INC.**
R.D. #2, Oley, PA **(610) 987-6277**

---

JD 4440 Cab, 82 Model, Powershift. $19,800

IH 986, Roll Guard..... $6,900
IH 1066 Fender Tractor..... $6,800

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---

## FOR SALE BY OPERATOR

1983 7720 Combine Hydro, 3100 Hrs., Grain Loss Monitor, Dial-O-Matic, 30.5x32 Tires, Heavy Rear Axle **$23,500**

- 915 Grain Head Flex Head, 15 ft. **$7,500**
- 643 Corn Head, Oil Bath, Fiberglass Snouts, New Rolls **$9,500**

**Very Nice. Field Ready!**

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# CURTIS LOADER BLADES

*For Tractor & Skid-Steer Loaders*

**Professional Systems That Improve Loader Performance**

**WE CAN SHIP ANYWHERE, ANYTIME!**

**PRICES STARTING AT $1,075**

**Blade Standard Features:**
- 10 gauge curved moldboard
- Adjustable spring trip
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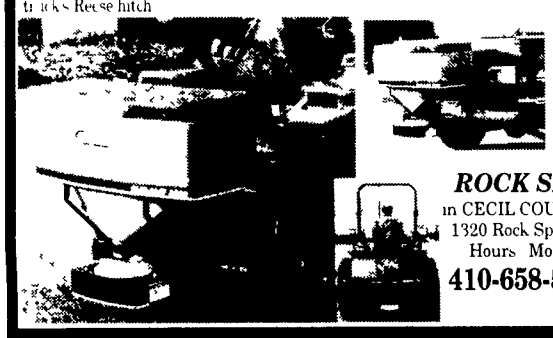
- Quickly reversible steel cutting edge
- Rotating type adjustable skid shoes
- Power angle cylinders
- Blade mounts close to loader arms

**4 PIN DETACHMENT 5 MINUTES MAX!!**

## 3-POINT HITCH OR TAILGATE SPREADER

A compact rugged spreader unit customized for your tractors 3 Point Hitch or your trucks Reese hitch



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| | | |
|---|---|---|
| Ford 950 | Ford 1000 | IH 300 |
| Ford 960 | Ford 4110 | IH 350 |

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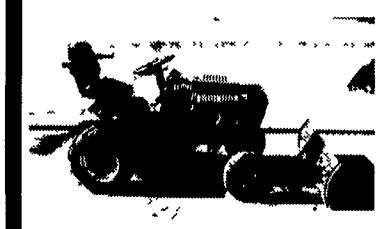
WE SHIP PARTS UPS DAILY | Kubota | We Rent Excavators & Backhoes

## TRACTORS & EQUIPMENT

**• USED COMPACT TRACTORS • USED SKID LOADERS • REAR BLADES • BACKHOES • LOADERS**



**TORO Wheel Horse 520**
Hydro w/Mower, Blade & Snow Blower

**KUBOTA L2900 DT 4x4, w.Loader, Ex. Cond.**

**FORD 1715 4x4 w/Loader,** Low Hrs.

**KUBOTA L3300** 4WD, w/loader, ag tires, 1200 hrs

**KUBOTA B7200 4x4 w/Loader**
440 Hrs , Ag Tires,
Excellent Condition, Must See

**MASSEY FERGUSON 1230**
w/Loader & Belly Mower, 308 Hrs

**1996 NH LX485 Skid Loader**

### USED 25 HP & UP TRACTORS

(2) Kubota L35 TLB's
Kubota L2850 w/Loader
Kubota L3600 4WD w/Loader, 400 to 1000 Hrs.
Kubota L3350 4WD w/Loader
Kubota L2900 4x4 w/Loader

### USED 15 TO 24 HP TRACTORS

Kubota B7100 TLB PRICED TO MOVE
Kubota B7100, 60" Belly Mower (Nice)
Kubota B20 TLB
Allis Chalmers 620 w/Loader
Satoh Beaver w/Belly Mower

**FARMALL CUB**
w/Belly Mower, Excellent Shape

### USED LAWN & GARDEN TRACTORS

Kubota T1600, 2WD Diesel, 44" Belly Mower, Hydro
Kubota T1400, 2WD, Gas, 40" Belly Mower
Kubota G1900 4 Wheel Steer w/Grass Vac.

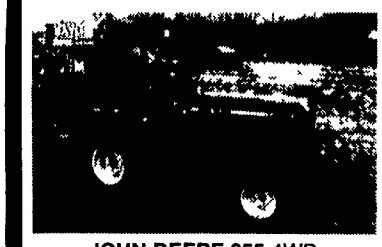
### USED FRONT MOWERS

Kubota F2100 4WD, Hydro, 60" mower, 1600 hrs.
Jacobsen T422D w/60" Mower
Kubota F3060 Demo 30 Hrs. - Blow Out Price
Kubota FZ2400, 60" Deck, Low Hrs.

### USED MISCELLANEOUS EQUIP.

***New & Used Snow Blowers In Stock***

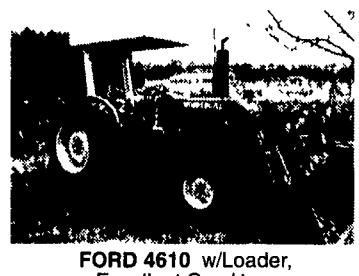
Landpride AT 2572 Finish Mower
Goosen Rak'n Vac, Demo
5 ft. King Kutter Discs, 3 pt. hitch
New Bear Cat Chippers
Ford 3 pt. Hitch Sickle Mower
IH Cub 22 Sickle Mower
New Bush Hog 72" MTH720 Finish Mower Blow Out Price
(2) Used Woods RM59 Mowers
New & Used Landpride Overseeders
Trac. Vacs **Priced To Move (ONLY 1 LEFT)**
Kubota BF800 Loader to Fit L3350



**JOHN DEERE 855** 4WD,
hydro , 300 hrs , ex condition

**NEW KUBOTA GRAND "L" HST NOW IN STOCK**

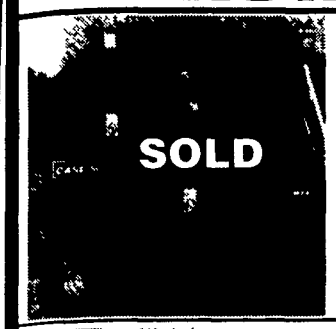
**SCAG Commercial Front Mower**
52" Deck, 660 Hrs



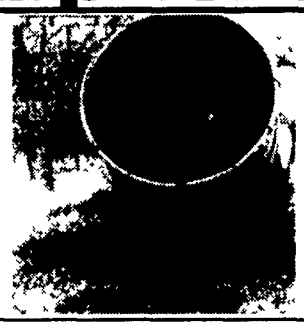
**FORD 4610** w/Loader,
Excellent Condition

**KUBOTA FZ2400,**
60" Front Mower, Low Hrs

# New Equipment




**NEW CASE IH 8420 ROUND BALER** w/Hyd. Twine Tie
**Sale Price $7,999**
(B)



**NEW TEAGLE 5050 5 FT. TOMAHAWK BALE CHOPPER**
**Sale Price $7,995**
(B)

**CASE IH 8630 3 PT. AUTOMATIC BALE WRAPPER** w/Remote Control
**Sale Price $18,700**
(O)

**NEW ATHENS 890 P.T. COULTER CHISEL**
**Sale Price $8,100**
(N)

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CASE IH

# Best Buys in Used Equipment

**IH 1086 Red Power, New 20.8x38 Tires, Good Clean Tractor.....(O)**

**Case IH 800 4 Row Planter.....(O)**

**Case IH 7130 MFD Tractor, 4050 Hrs., 18.4x42 Rear Tires, Long Axle, Duals, V. Good.....(O)**

**Case IH 585, 2WD, 1,067 Hrs., Nice.....(O)**

## TRACTORS

| | | |
|---|---|---|
| JD 4020 | | (O) |
| Case IH 7110, MFD, 2,230 Hrs | | (O) |
| IH 4166, 4WD, Cab, 2,330 Hrs | Very Good | (O) |
| IH 3688 | | (N) |
| IH 2404 | Very Nice | (B) |
| IH 1066 | | (N) |
| IH 674, Gas w/Loader | | (N) |
| IH 574, Diesel | | (N) |
| IH 454, Diesel | | (N) |
| IH 400, Diesel w/Picker | | (N) |
| IH 300 w/#2000 Loader | | (N) |
| Farmall Cub w/Cultivator SOLD | | (N) |
| AC 5045 w/Loader | | (O) |
| Bolens H1502 w/Mower | | (B) |
| MF 1230, 4WD, Hydro, 320 Hrs | | (B) |
| MF Super 90, Diesel, As Is | $2,600 | (O) |
| Mitsubishi 372 w/Mower | | (N) |
| Kubota B7100 4WD w/Dozer Blade | | (N) |
| Case 1840 Skid Steer | | (B) |
| Case 1845C Skid Steer | Very Nice | (B) |
| Case 1845B Skid Steer | | (N) |
| Gehl 3510 Skid Loader | | (N) |
| Bobcat 642 Skid Loader | | (O) |
| Case IH 510 Loader | | (B) |

## COMBINES

| | | |
|---|---|---|
| IH 2166 w/925 Engine Hrs. | | (O) |
| N H TR70 w/ Hydro, Ford Engine, 5000 Hrs , 962 6 Row Corn Head, 960 15 Ft Head | Make Offer | (N) |
| Case IH 1666, Real Nice | Just In | (O) |
| IH 1460, Nice Condition | | (O) |
| JD 6600, Diesel, Hydro, 2,400 Hrs , 13' Grain Head | | (O) |
| MF 550 w/4 Row Corn Head, 13' Grain Head | | (B) |
| MF 540 | | (O) |
| IH 915, 13' Grain Head, 3,800 Hrs | | (O) |
| IH 93 w/Grain Head | Call | (N) |

**Salvage Special** - JD 4400 Diesel Combine For Parts, Good 329 Engine $1,800 (O)

## HAY & FORAGE

| | | |
|---|---|---|
| NH 275 Baler w/Thrower | | (O) |
| JD 336 Baler w/#30 Ejector, Nice | | (O) |
| IH 430 Baler w/#10 Thrower | | (B) |
| Case IH 8840 SP Mower Conditioner, 419 Hrs | | (O) |
| JD 350 Sickle Bar Mower, Real Nice | $1,500 | (O) |
| IH 3104 Disc Mower | | (N) |
| NH 499 12' Haybine | | (O) |
| NH 479 Haybine | | (N) |
| NH 477 7' Haybine, Good Condition | | (O) |
| Kuhn GT300 PT Rotary Hay Rake | Coming In | (O) |
| IH 35 Hyd Drive Hay Rake | | (O) |
| NH 256 Hay Rake, Good Condition | | (O) |
| NI 406 Hyd Drive Rake | | (N) |
| Gehl 418 Wheel Rake | | (N) |
| Gehl 408 Wheel Rake, Tow Type | | (O) |
| Vicon 3 Pt V Rake | | (O) |

## USED TILLAGE EQUIPMENT

| | | |
|---|---|---|
| Oliver 565 4-16" Plow | | (N) |
| Ford 142 4-16" Auto Reset Plow | | (N) |
| IH 5700 Chisel Plow | | (N) |
| IH 770 12' Offset Disc | | (O) |
| Brillion 10' Pull Type Seeder, Less Than 100 Acres SOLD | Coming In | (O) |

## MISCELLANEOUS

| | | |
|---|---|---|
| Unverferth 8' Perfecta II Field Cultivator, Used One Time | Special $1,350 | (O) |
| JD 7000 4 Row Corn Planter | | (N) |
| Bush Hog 14' Flail Stalk Shredder SOLD | | (O) |
| Westfield 10"x61' Grain Auger, Like New | | (O) |
| Hardi TR600 Orchard Trailer Sprayer, Air Blast | $2,800 | (N) |
| Rhino TW84 Pull Type Mower, Like New | Call | (B) |
| IH 540 Manure Spreader w/Top Beater, Pan Attach, Very Good Condition | | (O) |
| Loftness 962H Snowblower, Never Used | $4,800 | (O) |
| '89 Chevy 2500, 2WD, 3/4 T, HD, AC, Auto, Bed Liner, 222K Hwy Miles, Good Condition | $4,800 | (O) |

# THE TRACTOR YOU'LL NEVER OUTGROW.

***Introducing the new Case IH CX Series general purpose tractors.***

- 40 to 84 horsepower.
- Perfect for all loader and hay and forage applications.
- Quiet, spacious cabs provide superior comfort and visibility
- Powerful, turbocharged engines offer up to 37% torque rise
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- Smooth-shifting transmission stands up to the toughest operating conditions.

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# Case XTs Handle Multiple Tasks With Ease...Thanks to Extraordinary Performance Capabilities and Outstanding Attachment Versatility

***New 75XT Skid Loader In Stock!***

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NEW GANDY 1012 Pull Type Drop Fertilizer Spreader
w/new tires, 1,200 lb. capacity.
**$2,450 (one only - Orefield location)**

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H&S Manure Spreaders, Hay Racks, Forage Boxes
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## FRONT OR REAR SNOW BLOWERS

Model 6340.2 w/Cab, 4WD,
10-Speed Shuttle Trans., 70 HP
Front & Rear PTO & 3 Pt. Hitch
with Snow Thrower **$30,775**

CLEARANCE PRICE **$27,775**

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## Zetor AG EQUIPMENT

- Zetor **165, 5'5" Drum Mowers**
- Zetor **240, 8' Disc Mowers**
- Zetor **100 Front Loaders** (both bucket & loader are quick attach)

**Compare Quality & Price of these Heavy Cast Iron Chassis Built Since 1946, Sometimes Painted Green and Yellow and Sold in Other Countries.**

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Parts and machinery readily available through the local Harrisburg Warehouse.

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## *Cecilton Location • 1-888-JD DEALS*

### COMBINES & HEADS

Interest Free Waivers Available Till September 1, 1999

JD 7720, 1980 w/915 flex head
JD 7720, 1979, good cond.
JD 6620, 1979 — JD 920 Flex Head
JD 6600 1978 — JD 220 Flex Head

### IN STOCK TRACTORS

JD 7410 - JD 6300
JD 5510 - JD 5310 4WD, Demo

### HAY TOOLS

JD 920 Mower Conditioner, Demo
JD 64 Hay Rake
JD 430 Round Baler

### MISCELLANEOUS

JD 145 5 Btm. Plow, Excellent Condition
JD 230 Wing Disk, 18'
Krause 14' Disk
JD 310 14' Disk
JD 630 17'11" Disk
IH 6 Row Cultivator
Brillion 12 Row Cultivator
JD 350 Sickle Bar mower

### TRACTORS

JD 6400, 4WD, 200 Hrs
(2) JD 6400 w/Tiger Side Mower
JD 6300 w/Tiger Mower
JD 5500, 4WD, 660 Hrs.
JD 4240 , Cab, Just Overhauled, New Rubber
JD 2950, 2WD, Cab
JD 950, 2WD, Turf Tires
JD 955, 1996 SOLD end Ldr. & Backhoe, 265 Hrs.
Yanmar 1600, Hydro, SOLD nt Condition
AC 190

### DRILLS & PLANTERS

Great Plains 15' No Till Drill w/Markers
JD 8300 Drill
JD 1996 750 Drill
JD 750 Drill, 1990, 15', New Openers, Yetter Markers
(2) JD 750 No-Till Drills, 15' w/Dual Hitch
JD 750 No-Till Drill ..... **Coming In**
JD 455 Folding Drill, Like New..... **Coming In**
JD 787 Seed Cart w/JD 1850 No-Till Drill, 36', Like New
JD 7000, 12-Row Corn Planter w/Dry Fert.

*Salesmen: Mike Kern, Paul Lake*
*Call Us On Our Web Page www wnc-cooper com*

## *Chestertown Location*

### COMBINE & HEADS

Interest Waiver Till Sept. 1, 1999

JD 9600 1994 4WD, 1,220 Hrs.
JD 9600 1994 4WD, 1,134 Sep. Hrs.
JD 9600 1989 4WD, dual 18.4x42 Heavy Duty Planetary
JD 9500 1997 4WD, 298 Sep. Hrs.
JD 9500 1991 4WD, 1,368 Hrs., 920 Flex Cutter Bar, 643 Corn Head
JD 9400 1994, 517 Sep. Hours
JD 9400 1990, 1,665 Hrs., w/920 Cutter Bar
JD 9400, 1,687 Hrs , w/920 Cutter Bar, 1989
JD 8820 w/220 Platform
JD 893 Corn Head
JD 843 Corn Head
JD 643 Corn Head
JD 924 Cutter Bar
JD 224 Flex Cutter Bar
JD 220 Cutter Bar

### TRACTORS

JD 7810 1998, 4WD w/740 Ldr..... Coming In
JD 7600 1993, MFWD, Cab, PS, 1,252 Hrs.
JD 7210 1997, MFWD, Left Hand Reverser
Case 7120 1991, D SOLD 56 Hrs.

### COMPACT TRACTORS

MF 1230, 4WD, Belly Mower & Loader

### ANTIQUE COLLECTOR TRACTORS

Allis Chalmers CA w/Woods 59 Mower

### IN STOCK TRACTORS

JD 8300

### DRILLS & PLANTERS

JD 7240 11R Planter, Vacuum, Corn & Bean Box, Insect.
JD 7000 12R Planter, Front Fold Liq. Fert., Insect. Monitor

### MISCELLANEOUS

JD 960 23' Field Cultivator
JD RM8 Cultivator
JD 310 Disc Harrow, 16'
JD 220 Disc Harrow, 19'
JD 215 Disc Harrow, 15'
JD 900 5 Shank Ripper
Woods P990 Mower, Like New
Dunham Lehr 18' Packer w/Transport
JD 201 Implement Trailer

*Salesmen:*
***Bill Cooper, Jack Wright, Buddy Bramble***

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**Sat. 7:30AM-12:30 PM**

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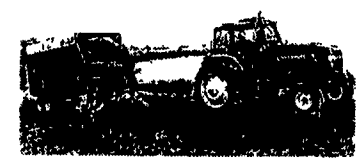
**Parts 7:30 AM-5PM**
**Sat. - Sales 7:30 AM-4 PM**
**Parts 7:30 AM-1PM**

**NEW HOLLAND**

Model 224 silage cart, exc
Weaverline 330 rebuilt silage cart



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**Mon.-Fri. 7:30 AM-5:00PM**
**Sat. 7:30 AM-12:30PM**

### TRACTORS

AA 4660D, Like New
DA 6275D w/Loader
AC 8030 w/Cab, 4W
AC 7030D w/cab, excellent
MF1155D
Case 930D
JD 1020
Ford 8700D w/Cab
Ford 2110D, Low Hours
Farmall 240

### COMBINES

AC L3 4W w/15' Grain & 630 Cornhead
AC F2 w/13' Grain & 4R Corn Head
AC Gleaner FKS w/13' grain & 430 corn head
AC Gleaner K w/10' Grain & 238 Corn Heads
JD 6600 w/13' Grain&630 Corn Head
JD 4400 w/13' Grain Head
AC 630 Corn Head for M&L

### TILLAGE

AC 13' Transport Disc
(2) JD 5-B Plow
AC 2000 6-B Plow
Ford 5-B Plow
Ford 4-B Plow
JD 40 Loader
AC 500 Loader
NH L445 Skid Loader

### BALERS

IH 445 w/thrower
NH 320 wire
Case 230 w/thrower
JD 336 wire
IH 27 w/thrower
NH 69
IH 46 w/thrower
NH 268
IH 46
JD14
AC 443
NH 273

### FORAGE HARVESTERS

Gehl 600 w/2 heads
Gehl 1200 w/2 heads
NH 717 w/2-row head
JD 35 w/2 heads
(2) Gehl 99 Blower
IH Harvester w/Pickup & 230 Corn Head
NI 3622 Spreader 220 Bu
NH 520 Spreader, 217 Bu

### HAY TOOLS

Hesston 1091 Mower Cond
Hesston 1090 Mower Cond
NH 489 Haybine
NH 460 Haybine
(2) Hesston PTO 10 Mower Cond.
(3) NH 479 Haybine
Hesston 1010 8' Mower Cond.
Hesston 1014 14' Mower Cond
JD 1380 14' Mower Cond
JD 1209 Mower Cond

**See Us At The PA Farm Show January 9-14**
**Featuring The All New Agco Allis 8700 & 9700 Tractors**
**Buy Now and Save With Our Winter Sale Prices**

# OPEN HOUSE
# JANUARY 4-9, 1999

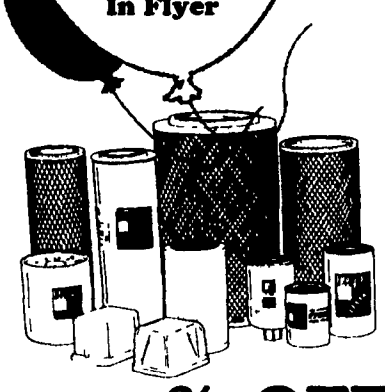
## SCHEDULE OF EVENTS

**All Representatives Will Be Here From 11:00 am Till 1:00 pm**

| Monday | Tuesday | Wednesday | Thursday | Friday |
|---|---|---|---|---|
| 4 HAMILTON EQUIPMENT REPRESENTATIVE **DON MARTIN** & STATE REPRESENTATIVE **DAVID ARGALL** | 5 **BUSH HOG** REPRESENTATIVE **RICHARD NOLF** | 6 **TISCO** REPRESENTATIVE **JIM DAVIDSON** | 7 **NEW HOLLAND SALES** REPRESENTATIVE **BOB WARFEL** | 8 **NEW HOLLAND SERVICE** REPRESENTATIVE |

**OFFER GOOD ONLY JANUARY 4-9, 1999**
**EARLY PARTS ORDERS ACCEPTED**

**10% OFF**
**All Parts This Week**
**Excluding Special Prices In Flyer**

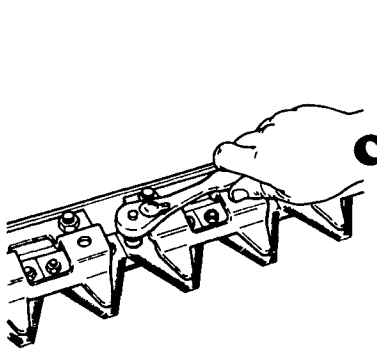


**SEE OUR SALES DEPARTMENT FOR SPECIALS ON OUR NEW AND USED EQUIPMENT**

**10% OFF**
**All Service Jobs Booked This Week**
**Talk to Russell**

**15% OFF**
**NEW HOLLAND FILTERS**

**15% OFF**
**NEW HOLLAND COMPLETE KNIFE SECTION & ALL CUTTING KNIVES**

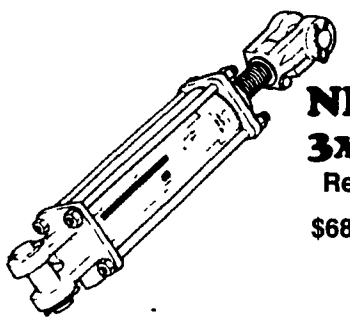


**30W, 10W30, 15W40, ENGINE OIL, 134 HYDRAULIC OIL**

| | Reg. | Now |
|---|---|---|
| 2.5 Gal. | $13.00 | **$11.50** |
| 5 Gal. | $25.00 | **$22.00** |
| 55 Gal. Drum | $217.00 | **$198.00** |

**TUBE GREASE**

| | | |
|---|---|---|
| Tube | $1.25 | **$1.20** |
| Carton (10) | $12.00 | **$11.00** |
| Case (60) | $66.00 | **$59.40** |



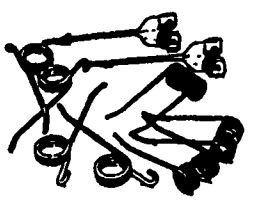
**NEW HOLLAND 3x8 CYLINDERS**

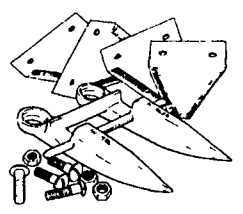
| Reg. | Now |
|---|---|
| $68.00 | **$59.00** |

**TIRES**

| | Reg. | NOW |
|---|---|---|
| 27x8.5x15 | $76.00 | **$65.00** |
| 27x10.5x15 | $88.00 | **$76.00** |
| 10x16.5 | $82.00 | **$76.00** |
| 12x16.5 | $115.00 | **$98.00** |
| 10x16.5 HD | $135.00 | **$120.00** |
| 12x16.5 HD | $158.00 | **$145.00** |

**15% OFF**
**NEW HOLLAND TINES**





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| $9.75 | **$8.00** |

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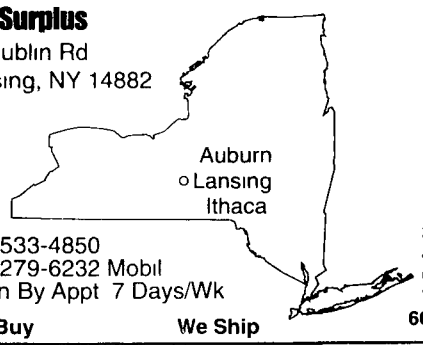


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**Buy - Sell - Repair Older Farm Tractors**
**Over 30 Tractors In Stock**

| | |
|---|---|
| AC 200 rebuilt engine, on steel | $10,000 |
| Case 900 rebuilt eng on steel | $5,200 |
| Oliver Super 55 gas | $2,650 |
| JD 1010, gas, runs nice | $2,750 |
| (2) IH 656 diesel, 1 gear, 1 hydro, both need work | $2,100 ea |
| (2) Case 930 diesel, both w/pully, need work | $1,800 ea |

**PARTING OUT:** Case 930, 830, 900, 500, LA, L, DC, SC, VAC, RC, IH 656 Hydro, 560, M, H, F20, MH 101 Jr, JD B
Some used tires New & Used Parts & Supplies

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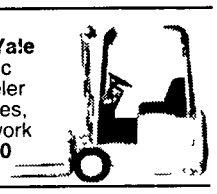
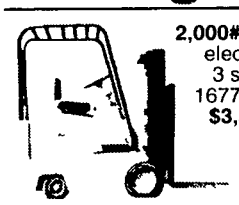
**(2) 12,000 Lb. Cap** 4WD & Steer, Detroit diesel **$12,500/ Ea.**

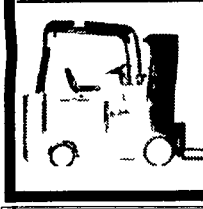
**1995 Kobelco Mini Excavator** Hyd Hammer Very Good Condition **$18,000** 20 Extra Bits

**3,000# Yale** electric 3-wheeler w/air tires, Needs work **$2,000**





**2,000# Baker** electric, 3 stg, 1677 hrs **$3,500**



**8000# Yale** electric, 1985 w/Batt & Charger, 3 stg, SS, painted **$3,500**

**10+ PNEUMATIC FORKLIFTS**

| | |
|---|---|
| 4,000 lb Clark, all terrain, gas | $5,000 |
| 6,000 lb AC, dual tire, gas | $5,000 |
| 12,000 lb Hyster, H120C 15' lift | $8,500 |
| 15,000 lb Hyster 18' lift, gas | $12,000 |

**20+ SOLID TIRE FORKLIFTS**

| | |
|---|---|
| 3,000 lb Toyota, PS, LPG | $1,200 |
| 3,000 lb AC, 9' lift, LPG | $2,300 |
| 4,000 lb AC LPG 3 stage | $3,000 |
| 4,000 lb , Clark, old, very good, LPG | $1,800 |
| 5,000 lb Yale, 1980, 3 stage, LPG | $2,500 |
| 10,000lb Yale, 9' lift, LPG | $6,500 |
| 15,000 lb Hyster, LPG, auto, vg | $19,000 |

**7+ ELECTRIC FORKLIFTS**

| | |
|---|---|
| 2,500 lb Yale, walkie, 2 stg 71" x 96" | $2,500 |
| 2,500 lb Baker, 3-stage, SS needs battery, good cond | $1,000 |

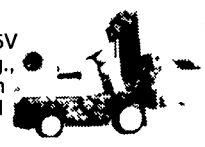
**250+ MACHINES**

| | |
|---|---|
| Fuel filter/water separators, Racor, 30 GPM, "new" | $500 |
| Food waste pupler, 15 hp | $2,500 |
| Steam kettles, twin 6 gal , elec , new | $900 |
| Mixer, 20 qt , 3 speed, 115V | $750 |
| Glass Recycling plant | $7,500 |
| Can crusher & conveyor | $2,500 |
| Fire water pumps (2) 4" pumps, 500 GPM, 2 Diesel Eng, in 40' container | $15,000 |
| Water Jet Cutting Machine | $25,000 |

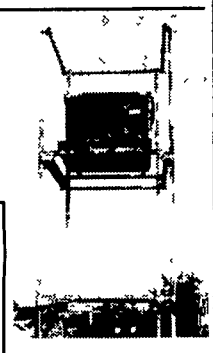
**Shear Pexto PH-52** 16 ga Hydraulic, "NICE" **$2,500**

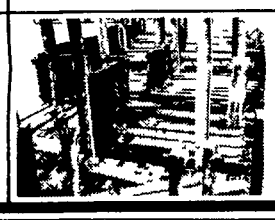
**26" DoAll Bandsaw** ~~$3,500~~ ~~$2,000~~ **$1,500**

**5,000# Nissan** CPF02A25V 1985, 3stg., LPG, with paper roll clamp **$7,500**



**Stacking Racks** **$25/ea.** **20 left**





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**Start-All $900**

## CASE IH

### *NEW* TRACTORS & EQUIPMENT

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|---|---|
| Case 1840 Uniloader | Case IH 955 6R Planter |
| Case 1845C Uniloader | Case-IH 8309 Disc Mow/con |
| Case-IH MX 120 MFD | Case-IH 8430 Round Baler |
| Case-IH 600 Blower | Case IH 8520 Sq. Baler |

### *USED* TRACTORS & EQUIPMENT

| | | | |
|---|---|---|---|
| Case IH 495, 2WD, 45 HRS | $16,500 | Pequea 710 PTO Hay Tedder | $1,150 |
| IH F-560G 2-Tri Tractor | $4,350 | Athens 76, 11' Rockflex Disc | $2,950 |
| IH F-A Tractor w/Blade | $1,500 | IH 470 12' disc harrow (new disks) | $2,500 |
| NH 520 Spreader | $1,600 | IH 800 4RW Plate Planter | $4,500 |
| IH 710 5F 16" Plow w/Cyl | $1,350 | JD 60H Forage Blower | $400 |
| NH 30 Forage Blower | $950 | NH 27 Forage Blower | $750 |
| Case IH 3309 disc mow/cond | $6,500 | IH 510 16x7 SD Drill | $1,850 |
| IH 2001 Loader | $750 | | |

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CASE IH

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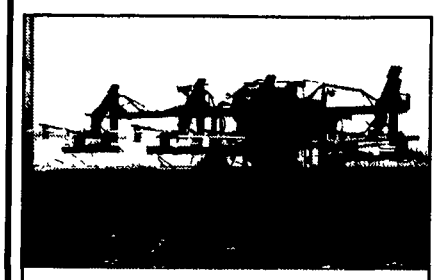

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4 Models For Various Applications
Clearances to 83"
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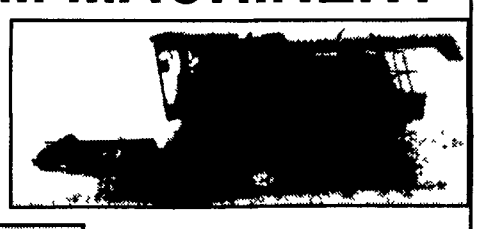

**Financing or Lease Available** **WE DO NOT SHIP PARTS**

**GRINDERS & MIXERS**
NH 352 long unloading auger extension
Gehl 120 extra screens nice

**LOADERS & SNOW BLOWERS**
Case IH 2350
Ford Loader off 800 Ford
10 & 12 Dozer blade 100hp & up tractors
JD 2010 mid loader
IH 2000 off 574
MF 246 QT loader wide QT bucket nice $3 500
9 extra loader buckets
Ford HD Loader w/Pump & Valves $1 500
(2) Case Loaders Off 310 & 440 Case
Kelly w/Hyd Bucket & Pump Valves
IH Fast Hitch Blades 7 & 8
Tractors w/Loaders
Snow Blades for Loader or Front Mounted
Sauder Front Mounted Blades

**TRACTORS COMING IN**
Farmall 560 WF diesel
Farmall 560 diesel wheatland sharp
Deutz 6006 3pt diesel

**TRACTORS**
(3) Farmall H
AC WC runs nice new paint
IH 3688 diesel cab air 1-owner 3250 hrs
Farmall M like new tires new paint
IH Super M runs good new paint $2 750
AC 7080 cab air weights front & back duals 182hp $9 500 nice
MF 2244 crawler loader w/3 cyl Perkins diesel 4N1 bucket
Farmall 230 w/fast hitch
IH 5488 diesel cab air duals, 187hp $17 000

IH 4166 4WD 2400 hrs original w/10 IH dozer blade & tire chains Nice $17 500
IH 1466 red cab diesel new paint
MF 1085 diesel w/cab MF 246 loader clean unit
JD high crop WF sprayer w/dual belly tanks $3 850
IH 1206 diesel 18 38 rubber new paint
Ford 6000 diesel WF $2250

**HAYBINES**
NH 411 discbine $4 850
NH 1495 Self-Propelled diesel cab air, $5500
FNH 411 Discbine extra sharp
NH 488 nice
Case IH 3309 SOLD ne 10 clean
(2) IH 1190 9
MF 725 7 bad roll real nice
NH 499 Hydro, Swing 12'
MC Rotary Scythe
MF flail Mower

**SPREADERS**
JD 780 hydro push tandem axle sharp $6 500
JD 780 hydro push tandem axle nice coming in
JD 450 hydro push $2 250
IH 595 tandem needs work $1 500
NH tank spreaders
(2) NI PTO spreaders

**MISC.**
**NI 35' elevator, nice**
**4R & 6R 3 Pt. Cultivators**
**MOWERS/ROTARY MOWERS**
**Finish Mowers, Sickle Bar Mowers, Stalk Cutters, Batwing Mowers**
All different sizes

**WAGONS** New Stoltzfus bale rack wagons
(2) Unloading
(3) Bale rack

**DRILLS & PLANTERS**
JD 7000 6R 30" no-till dry fert & monitor real nice
IH 400, 6R 30 $1,850
JD 6R 30 dry fert nice
(2) Ford Planters 309 2R 3 Pt
Oliver 2R 3 Pt
(2) IH 620 drills w/press wheels & grass seed $2,650/ea
IH 800 planter 4R 30 dry fert
IH 400 AIR 4R

**BALERS & RAKES**
JD 640 rake $1,450
NH 845 4x4 round balers
NI round baler

**TILLAGE**
**DISCS - HARROWS - PACKERS & CULTIVATORS**
**PLOWS & CHISEL PLOWS**

**COMBINE FOR PARTS JUST IN**
JD 7720 w/4x4, MF 850, 510, AC L LII, MII E E3, K, F NH TR85
JD 9500 - 7720 - 4420 - 3300 - 4400

**COMBINES COMING IN**
1981 IH rotary elect over hyd , 3100 hrs sharp
1979 IH rotary, 3 000 hrs sharp
1981 JD 7720 heavy axle, 3000 hrs sharp
MF 750 gray cab, hydro diesel
Late IH 815 hydro diesel
NH TR85 w/4x4 3 000 hrs , nice
JD 6620 side hill, 2 600 hrs sharp
JD 3300 diesel nice
JD 3300 gas, nice

*Most all combines we have bought in the last 2 years are coming out of Western Canada and West & Northwest U S A Dry county, nice clean combines We have most any size grain heads & corn heads to go with the combine we have advertised*

**ALL COMBINES SOLD — FREE PARTS FOR ONE SEASON IF IN OUR PARTS LOT**

JD 6600 diesel hydro, sharp

**50-COMBINES**
**200 heads to choose from**
JD 45 square back sharp
JD 3300 gas, low hrs
JD 4400 gas, nice
JD 6620 hydro diesel 3300 hrs nice
IH 815 hydro diesel clean
Late IH 815 hydro diesel, 310 motor
Late IH 815 hydro diesel, real clean
IH 715 hydro diesel sharp, 310 motor
MF gray cab, 550 hydro diesel
Late Model IH 715, 310 diesel hydro, 1325 hrs , super sharp
Late AC F2 diesel, heavy rear axle super nice
1980, AC F2 diesel, roll out auger, real sharp
Late JD 4400 diesel real nice
IH 915 hydro diesel sharp
Late JD 4400 diesel, 2600 hrs black seat, clean
AC K gas w/hill side blower
1981 JD 4420 diesel 2071 hrs , super sharp
NI 706, Perkins diesel, 2650 hrs , w/717 combine will separate
NI 801 hydro diesel, 4x4, with super chopper 3R, 30" or 38" & pickup 2700 hrs
Late NH TR85 hydro new Cat diesel, $12,000
JD 4420 diesel, sharp 2 400 hrs
AC M2, hydro diesel w/hillside blower
AC G gas w/heads
NH 975 gas cab w/12 grain
MF 550 diesel nice
NI 717 clean
NI 717 combine
NI 702 diesel w/767 harvester 3R corn & pickup
NI 705 diesel w/838 husker
NI 702 diesel w/combine
JD 4400 Diesel w/Heads nice
Late IH 1440 Rotary Combine
MF 510 diesel w/heads
IH 315 Hydro Gas 10' Grain 3R & 2R 30"
NH TR70 Cat Diesel Hydro

**CORN PICKERS**

**DISC - FIELD CULTIVATORS & CHISEL PLOWS**
IH 500 Disc 12
IH 720 7x16 onland hitch spring reset
IH 720 5x20 spring reset
IH 720 6x16 toggle trip side hill hitch
IH 5 shank ripper
IH 350 3x16' 3pt spring reset sharp
Rhino 22 rock flex hyd fold
Rhino 14 rock flex
JD 220 18 centerfold
JD 230 20 hyd fold
White 271 18' rock flex
Case IH 475 18 hyd fold
Case IH 475 18' hyd fold 1-owner always shedded sharp
Krause 24' field cultivator sharp
Oliver White 18 field cultivator
IH 18 field culitvator
IH 470 12 plow disc
JD 14 disc chisel tandem axle
IH 10' disc chisel 1-owner
3pt & trail chisel plows

***More in stock & coming in***

**4 WHEEL DRIVE UNITS**
NI 801
JD 7700

**FLAIL CHOPPERS & HARVESTERS**
50 heads to choose from
(2) NH 38 Flail Choppers
JD 3960 hydro swing long tongue elec controls like new J knives 2R 30" corn & Hay pickup 1-owner heads & harvesters sharp
Gehl Flail Chopper $1 500
JD 3800 2R 30" & pickup
(3) NI 767 super choppers w/heads
IH 830 w/heads
(3) IH 720 w/2R 30" or 38" & pickup
(2) NH 770 w/2R 30 or 38 & pickup
IH #8 flail chopper

**COMBINES FOR SALVAGE**
**IH 1480, 1460 rotary, 915, 815, 715, 615, 315, 205, 203, 503, 403, 303, 93, 91, 141, 105, 101, 82, 80, 76, 74, JD 9500, 7720, 7700, 6620, 6600, 4420, 4400, 3300, 105, 95, 55, 45, 40 MF: 850, 550, 760, 750, 510, 410, 300, 205, 35, 92, 82, 72, 27, 26, AC Gleaner, AC N5, F, F2, L, L2, M, M2, K, G, E, C, C2, A, Oliver 7600, 545, 535, 525, 430, 40, 35, 33 NI Uni, 802, 709, 710 Combine, NI 717, Huskers 705, 702, 701, Combine Shellers & Harvesters, Case 1160, 960, 700, 660, 600 NH 1400, 975, 985, TR70, NH TR85, MM 5297,3496, MM Uni, White 8800, White 8600, White 8700, Field Boss, 7300, Massey 750D, Straw Spreaders & Choppers JD 7720, Motors, Transmissions, Tires, Corn & Grain heads, Grain Savers, 1984 JD 6620 Side Hill w/Heavy Steering Axle.**

**TRACTORS FOR SALVAGE**
**GOOD RUNNING MOTORS**

**JD 5820 Chopper For Parts, 5460, 5440 SP Harvester, NH 1880 SP, Parts For IH 1440, 1460 Rotarys & NI 717 Combine, NI 802 w/Harvester, JD 4425 500 Hrs., JD 6600 & 6620 Side Hills**

**New Campbell Tire Chains Most Sizes Available**

**USED SNOW BLOWERS**
**5' - 8'**

**CORN HEADS & GRAIN HEADS**
**200 To Choose From**
**2, 3, 4, 6 Row Corn Heads.**
**All Size Grain heads, Flex & Rigid**

**1976 IH 1066 black stripe w/like new duals, 10' dozer blade, 1859 original hrs., Keiter's own, from new, always shedded, sharp. $15,000**

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| Balers | Cultivators | Drills |
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| Combines | Discs | Tractors |
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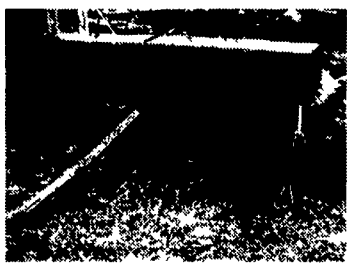
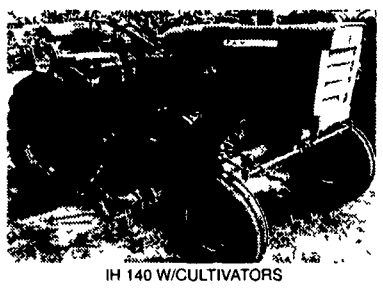

1 of 2 BRILLION 10 Ft Cultipacker Seeders


IH 140 W/CULTIVATORS

NH 195 TANDEM AXLE SPREADER

USED OLATHE 3 PT PTO CHIPPER

## TRACTORS

AC WD 45 with front loader
AC 8050 4WD w/CAH 2600 hrs, new radials extra sharp
AC 7040, power shift, 7020
AC 6140 w/ldr
AC 6080 w/Roll Bar, Sunroof
AC 6080
AC 185, 185 w/cab
AC 160 w/ldr
AC D17, D15
AC WD45, D17 Series IV Factory 3 pth w/Front End Loader
AC CA & WD
Case IH 5130 C/A/H
Case 995 4WD w/ldr
Case IH 585
Farmall Int 806, 686
Farmall Int 504 hi clearance
Farmall M, C
Farmall Super A hi clearance w/cult
Ford 7710, sharp unit, 7610
Ford 6610 Series II 4WD w/cab
Ford 2000 gas
Ford 3600
Ford 800 w/ldr
Int 184 with belly mower
JD 2955 w/4WD w/cab very good, 3010D
JD 301, LA
JD 4020 side console
Kubota M7950
Long 460, 360, 2460
MF 2135 w/fnd ldr, gas
MF 175 Diesel w/ldr
MF 175 Diesel
MF 150, Good
MF 294-4 4WD w/ldr
~~White~~ 288 w/cab, 4WD

## INDUSTRIAL

Dresser TD 7E, Real Nice
AC 615 TLB
JD 450C Dozer 6 Way Blade
Ford 555 A TLB w/Cab
Cat 930 articulated payloader, VG
AC 653 Dozer
JD MC crawler w/blade (restored)
Gehl 4610 Skid Steer, Dsl
Mustang 345 Skid Steer $4,975
NH L553 dsl Skid Steer
JD 125 dsl & 575, 785 Skid Steers
Ingersol Rand 160 compressor
JD winch
Vermeer 665A stump grinder
JD 9300 b'hoe
NH b'hoe for Skid Steer
Quick-Tach Backhoes For JD Crawlers
Stone 1-1/4 ton tandem roller

Case 580 Super L, Cab, 4WD, Extend-a-Hoe, VG Condition

## LOADERS

AC 415, 500
Case IH 74L
Ford 727
IH 2200, 2350
JD 145, 146, 148, 245, 260
Large Assortment of Used Front Loaders for Most Makes of Tractors

## FORKLIFTS

Rough Terrain
AC 600 and D15
Ford 601
FORKLIFT ATTACHMENTS

## COMPACT TRACTORS

Kubota B6200 4WD
JD 855 T/L
Kubota B 1750
Kubota KH41 Mini Excavator, Rubber Tracks
Kubota L345 2WD
Kubota L345, 4WD

## LAWN & GARDEN

Kubota G4200 Lawn Tractor
Kubota G1900
Kubota T1600H w/mower, grass catcher, snow blower

## SALVAGE YARD

AC:B,C,CA, G, WD, WD45, D14, D14 w/G 149 running motor, D15, D17, D17 gas, running motor, D19, D19 w/Fac 3 Pth, 170, 180, 185, 190, 200, 5040, 5050 4WD, 6080, AC 6080 4WD, 7010 Power Shift, 7040
CASE Vac, SC, 530, 530 TLB
Fahr tedder KH500; KH 40
FARMALL IH: Cub, A, C, H, M, M WFE, 200, 300, 300 Utility w/ldr. & hoe, 400, 460, 504, 560, 656, 656 gas running motor; 706, 706 dsl running motor; 806 Diesel, 826, 856
Cub-Low-Boy
FORD 8N, 8N running motor, 9N, 9N w/2 speed trans reduction, NAA, 600, 800, 2000, 3000, 4000, Ford 4000 Selecto-Speed, 5000, 5000 Dsl late model, Jubilee, 134 CU IN. & 172 CU IN ENGINES, 3 cylinder turbo diesel, running motor, Ford 800, 2000, 3000 Gear Shift Trans
Fordson Major
Gleaner F Dsl. Combine
INDUSTRIAL. AC. H3, HD4, 650; 652 Dozer - Outside Push Frame, Case 555 trans & differential assembly; JD 40 Crawler; INT. 1340 track ldr
INT. T340 Track Ldr.
JD A, B, MT, 50, 60, 70, 620, 630, 720, 730 Diesel Pony Motor & Power Steering: 2010, Dozer, Good Rollers, 2010; 2010 WFE; 2020; Utility Front End and Row Crop WFE for 3010, 3020, 4010 & 4020; 3020 w/ldr, early model; 420 w/WFE, 3 Pth, PTO
JD 3010 running diesel motor
Long: 460; 560 4WD
MF: 20, 30, 35, 35 diesel, running motor, 65, 85, 90 Dsl., 135 Dsl., 165, 175, TO20
NH 411 Discbine, good rolls
Nuffield: 4/65
Oliver 1750; 1650, Super 770, 77, 70

**VARIOUS TRACTOR WTS.**
Call and Ask For Gerd or Brian

**WE HAVE A FREE PARTS LOCATOR SERVICE**

**CASH PAID FOR PARTS TRACTORS**

**Yard Open 8 AM to 5 PM Mon. Thru Sat.**

**USED PARTS DEPT.**

**Used Tractor Chains, Various Sizes**

MORBARK WINN, MICHIGAN

MORBARK'S E-Z BEEVER CHIPPER LINE
4 In Stock
Call & Ask for
"Chipper Joe"

## CHIPPERS

Olathe 3 pth brush chipper, used

## SPRAYERS

BCI 300 gal tank, on trailer
Century 1000 gallon tandem axle sprayer
Century 3 pt single boom sprayer
FMC trailer w/eng & hose reel - hi pressure
Hardi 3 pt air blast sprayers
New FMC 3 pt high pressure sprayer
500 gal trailer crop sprayers
500 gal Precision Tandem axle Lo-Pro 46' Boom
200 & 300 Gallon Sprayers, 3pt & Trailer
Several Meyers 3pt & Tk mt

## FLAIL CHOPPERS

NH 36 & 38's

## CORN PICKERS

NI 325 wide & narrow row, 2 row pickers w/husking beds or shellers

## COMBINE HEADS

AC 438, 430, 330

## FORAGE HARVESTERS

AC Gleaner K, K2 dsl, & F dsl used combines, asst heads
Gehl 750, 1060's
Hesston 2000-150, 7140, 7150 & 7165
JD 3800, 3950, 3960
NH 790 Chopper, 782
NH 892 Forage Harvester w/Metal Alert

## FORAGE HARVESTER HEADS

ConHeads Gehl 2 row, Hesston 1, 2, 3 row, NH 1, 2, 3 Row

## FORAGE BLOWERS

Gehl 1540
Hesston 7012
NH 27-28
NI 620 and 622

## FORAGE WAGONS

Badger & Kasten 3 beater forage wagon (2) w/tandem, gears & canopy, need minor repairs, (priced under $2,000)
M&W Grain Wagon w/rear unload auger
Richardton 800S

## GRINDERS/MIXERS

Farmhand 817 mixer mill Like new
NH 355 hyd drive, 352

## GRAVITY WAGONS

Apache Creep/Self Feeder Wagon
E-ZFlow 220 w/grain wagon
JD 1210A grain buggy
Kilbros 250 grain wagons
Knoedler feeder wagon
M & W tandem axle grain cart w/unloading auger
New Pequea Feeder Wagons

## TMR WAGONS

Arts-Way 850B, 155
Schuler 260CM
Schwartz 680, 780, 880

## TRAILERS

Assorted 2 & 3 Axle Trailers
Asst used tag-along trailers
Centreville Skid Steer
Eager Beaver 6 Ton & 9 Ton
General 6 ton deck over wheel trailer
Gooseneck Stock Trailer 6 1/2'H, 20'L
Kalyn Dump trailer, 8'
New Pequea & Hudson Trailers
Zimmerman 8 ton

## TINKERER'S ROW

AC 175, WD NFE Tractor
Farmall H
Int. 500C dozer w/6-way blade, ROPS, needs final drive repair
JD 2940 4WD w/ldr
MF 175 Dsl Late Model, Runs Well $4,250
Oliver 1655
Oliver 1850 Tractor w/cab
Ford 7700
JD 3020 dsl; 3960 chopper

## TREE SPADES

Caretree 36", 24" & 20"
Vermeer 20", 42", 3 pth

## MISCELLANEOUS

Agri Metal Bedding chopper
Alamo versa boom mower
American 3 pth wood splitter
Asst Used 3pt finish mowers
**Assorted 5', 6', & 7' Pull Type Rotary Mowers**
Badger 3 pt hyd driven tree weeder
Befco 6' 3pt Rototiller
Befco, Bush Hog & Woods finish mowers 4',5',6',7', 7 1/2
Best Power Trowel
Betterbilt 1100 gallon vacuum spreader
Case/IH 8610 Bale Processor
Danuser Log Splitter
Danuser 3pt post pounders
Dual Wheels In Various Sizes
Fertilizer Auger for Gravity Bin
USED & NEW Harley Power Landscape Rakes
Howard 4 Rototiller
Howard Rotavator C30
IH 574 yr around cab
JD 216 2 row potato planter
JD 30 2 row potato diggers
LandPride Rototiller
Lg Assortment 3 Pt rotary type mowers
Live squeeze chutes & scales
MC 12' Pull-Type Rotary Shredder
MC 3 Pth Lawn Genie pick up mower
McMillen hyd drive post hole digger
NI double spinner fertilizer spreader
Paul livestock scale
Patz 98B silo unloader 16' 20', good condition
2R potato planters
Roskamp PTO roller mill
RTA 1034
Shaver post pounder 3 pt
Shulte rotary reel rock picker
Stone "J" Tampers & power trowel
Tandem axle fertilizer spreaders
Vegetable Transplanters 3pt & trailer
Holland 2R trailer transplanter w/water tanks
Veil hydr dump rock picker
Wic round bale feeder
Winpower 25-20 PTO Gen, 15 KW
York stone rakes trailer
4 of 3 Pth & skid steer mtd tree planters
3pt PTO Post Hole Diggers
3 pt hyd drive post hole diggers
3pt flail mowers
3pt rear scraper blades assorted sizes
6', 8', 10' lime & fertilizer spreaders
4'-20' Gates
36" hay dryer fan 5 hp electric
50+ Assorted sickle bar mowers, 3pth fast hitch mounted & trailer

## MANURE EQUIPMENT

Assorted Basin & Lagoon Liquid Manure Pumps
Badger manure pump
Gehl Liquid Lagoon Pump
Gehl 524 tandem slurry spreader, 425 tandem axle box spreader, 309 Scavenger
Hawkbuilt 2195 spreader,
Martin Scavenger 1678 Spreader
NH 667 barrel spreader
NI 17A, 206, 213, 214, 243
NI 218 tandem spreader w/upper beater & hyd tailgate

## PLOWS w/SPRING RESET

AC4X monoframe hyd reset 16" btm
Brillion 3 shank spring loaded
Bush Hog 720A 4 & 5 bottom reset w/hillside hitch
Ford 2x rollover plow
IH 140 4x18" roll over plow
IH 420 3 bot, 3 pt, plow VG
Int 710 6x 16" btm on-land hitch
Int 720 5 bottom reset w/hillside hitch
Int 720 5x 16" btm on-land hitch
Int 720 4x reset w/hillside hitch
Int 710 6x18" btm w/side hill hitch
Int 700 6x16" btm
Int 700 5x
Int 450 3x plow, auto reset
JD 2600 5x semi-mt
JD 3600 5X, trailer hitch, var width
Kverneland 5x Spring Reset Roll over plow
Kverneland 3 & 4 bottom 3 pth reset
Asst 1,2,3 or 4x 3pt plows

## CHISEL PLOWS

AC 8 shank, 3 pth
Brillion 10-shank trailer
Brillion 8 & 9 shank - very sharp

## DISCS

Assorted 3 pt Disc Harrows
Brillion 13 shank soil saver
Brinkley Wilbeck 7 shank soil saver
Bush Hog 1435 tandem plow disc w/new blades
Bush Hog 13 ft tandem
JD BWA 12 ft tandem
Glencoe Series III 13 shank soilsaver
Glencoe 3 shank deep tillage soilsaver w/walking beam
Int 470 13 ft tandem
Kewanee wing disc
Assort 8'-16' Bush Hog, IHC JD, Kewanee and MF transport disc harrows

## CULTIVATORS & HARROWS

Brand Transport springtooth 14' fold up wings harrow like new
Chain Harrows
Koehn 3 Pt 4X cultivator, Danish tine
2,4 & 6 Row Cultivators
JD 4R 3pt cultivator w/Cole side dresser $995

## CULTIPACKERS & SEEDERS

2 Brillion 12 ft smooth roll, cultipackers
Brillion 11 ft single roll
Brillion 8 Cultipacker seeder
Brillion 10 ft & 12 ft cultimulcher
Brillion 9 ft single roll& double roll
Brillion 5 and 8 3 pt cultipacker seeder
Holland 1 & 2 row transplanter 3 pt pull
New Tye Seeder, 3 Pth, Weathered
1&2 Row Mechanical Transplanters 3 pt pull type

## CORN PLANTERS

AC 4 to 6 row no till, AC 8R
Int 250A 2 row, pull type
JD 246-247 2R, JD 290 trailer
2 Row 3 Pth - JD, Ford, AC and Int

## HAYBINES

Case IH 8330
Hesston PT7, 1070
NH 467, 472, 474, 478, 479, 489, 495 12',
NI 270 cutditioner

## SIDE RAKES & TEDDERS

Assorted Fahr Four Star hay tedders
Grimm PTO Tedders
Fahr 6 Star Tedder
JD 660 side rake w/dolly wheels
NH 256, 258 and 259 rakes
NI 400, 404 Rakes

## ROUND BALERS

Case IH 8420
Hesston 5530
NH 848 w/fast net wrap, like new
NH 630
NI 4845 round baler bales w/twine or net wrap - NEW
NI 484

## SQUARE BALERS

Hesston 4750 large sq baler
JD 327 w/thrower
NH 268, 282, 310 w/thrower
NH 315 w/throwers

## HAY & FORAGE

Tanco 4005 Bale Wrapper, trailer model

## WAGONS & GRAIN CARTS

JD 1210A 2 Whl
M&W Tandem Trailer w/Hyd Front Augers
M&W 4 Whl Trailer w/Rear Auger
10 Assorted gravity boxes, new & used
New assorted 18 steel-sided racks w/running gears 20' steel sided bale rack w/tandem running gear
Round bale wagons

## ELEVATORS

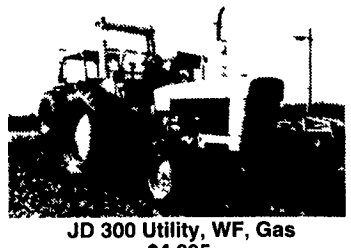
Belt Conveyors
Cardinal grain auger
Cardinal 50' Belt Elevator w/Transport
IH 24 Ft Hay and grain
NH 55, 132, 137, 155 Elevators
4, 5, 6, 8" Grain Augers

# TANEYTOWN FARM EQUIPMENT

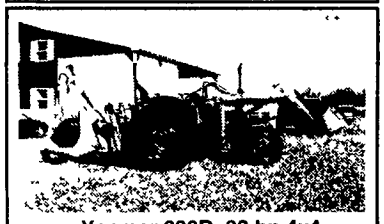
**Route 194 and Brown Road 410-751-1500**

**Bush Hog® King Kutter  Toll Free 877/751-1500**

**Farmall 706, WF, Gas, Cab, Runs Good $4,900**



**JD 300 Utility, WF, Gas $4,995**



**Yanmar 330D, 33 hp 4x4 Loader Backhoe, 750 hrs. $10,900**

**Martin/Gehl S1674 Tandem Spreader, Good Condition $2,900**

**TRACTORS**

| | |
|---|---|
| Ford 9N | $1,795 |
| Ford 555 Ldr Backhoe | $10,500 |
| Ford 2000 w/Loader PS | $3,900 |
| Int 656 Utility w/Loader | $5,995 |
| Int 574 Utility | $4,495 |
| JD 2550 w/245 Loader Exc Cond | $11,900 |
| JD 2640 Dsl , 70 hp Utility, Good Cond | $7,900 |
| MF 165, Gas, Exc Cond | $5,900 |
| MF 205 Dsl 35 hp, PS, Loader & Backhoe | $4,500 |
| MF 290 65 hp Diesel, Good Condition | $6,900 |

**COMPACT TRACTORS**

| | |
|---|---|
| JD 750 4x4 w/Ldr | $7,995 |
| Ford 1310 4x4 Loader 20 HP | $8,500 |
| Power King 14HP 3 pt w/Mower | $1,795 |
| Yanmar 330D 33 hp 4x4 Loader Backhoe 750 hrs | $10,900 |

**MOWERS**

| | |
|---|---|
| Bush Hog 3126 10' Pull | $1,995 |
| Bush Hog BD90 90 Mower | $1,495 |
| Bush Hog SQ60 5' 3pt | $450 |
| Bush Hog 307 7' HD SOLD | $1,995 |
| Bush Hog 406 6' HD 3 pt | $995 |
| MF 6' 3 pt | $695 |
| Woods 121 10' Pull | $2,750 |
| Woods C80 80" 3 pt | $750 |

**MANURE SPREADERS**

| | |
|---|---|
| Gehl 250 250 Bu | $1,500 |
| NH 680, 287 Bu | $1,500 |
| NI 224 Tandem | $1,995 |

**LAWN & GARDEN**

| | |
|---|---|
| Ford LT11 | $495 |
| Ingersoll 3118 PS, 70 Hrs , Bagger, Blade | $3,995 |

**MISC.**

| | |
|---|---|
| NH 846 Round Baler | $3,500 |
| Ford 505 Sickle Bar Mower | $995 |
| Hesston 1150 12' Hydraswing Haybine | $2,995 |
| NH 270 Baler | $995 |
| Kewanee Roller Harrow | $995 |

Bush Hogs, 2615 Flex Wing Mowers, prices starting at $7,995

**SHAVER POST DRIVERS:**
**HD8 - $1,250 – HD 10 - $1,950**
***We Can Deliver Anywhere!***

1989 Ford 345C 4x4 w/Loader, Torque Converter, 3 Pt. PTO, Nice, $13,000

- Ford 445 w/Loader 3 Pt Pto, Power Steering, nice
- Ford 340 w/Loader, 1600 hrs , 3 pt PTO, Excellent $10,500
- JD 1050 4x4 w/Loader P/S, 1400 Hrs., Excellent $13,000
- JD 1050 2WD, P/S, 800 Hrs. Like New $8,500
- JD 1070 4x4 w/Ldr, 1500 Hrs, Excellent $14,000
- Kubota 3350 4x4 w/Ldr, 1000 hrs, Excellent $13,500

**Call Scott**
**(908) 782-7658**

# QUALITY USED EQUIPMENT

Gehl Scavenger Spreader
Tanco Bale Wrapper
New Idea 4845 Round Baler - Like New
Gehl Round Baler
McHale Bale Wrapper
Rotary Mower - 6'
Krone Baler - Demo
Kubota 7100 w/Loader

**W.F. WELLIVER**
Rt. 44, Jerseytown, PA
570-437-2430

# COWAN EQUIPMENT

**Martinsburg, PA**
**814-793-4293 Day or Evening**
**or 814-793-9797 • Fax 814-793-2431**

**Financing & Leasing Available**

Field Queen 7650 chopper, 3R head & hay pu
NI 802 Uni System, 4x4 w/late style chopper
JD 5830 chopper, 4x4, Kemper head
JD 5460 chopper, 4x4
JD 5440 chopper, 4x4
JD 3970 chopper
Gehl 1250 chopper, grass head, 3 row corn head
JD 6 row chopper head, like new, for 5830
JD 664 4 row head
JD 4RN converging head, like new
JD 4RN stocker head
Kemper 4 row head, excellent
JD kernel processor
JD 4455, cab & air, 4x4
JD 4055, cab & air, 4WD
JD 2955, cab, air, 4x4
JD 2755, 4x4
JD 2755, 2WD
JD 4250, cab & air, power shift, 4x4
JD 4050, 4 post, quadrange
JD 2950, fender
JD 2550, cab & air, 4x4
JD 4840, cab & air, power shift
JD 4440, cab & air, quad range
JD 4240, 4 post, power shift
JD 4240, cab & air
JD 2640, hi-low
JD 2240, 4x4
JD 4430 cab air power shift
JD 4520, power shift
JD 4020, '72 model, power shift
JD 4020, '72 model
JD 4000
JD 3020, power shift
IH 1066, cab & air
IH 1466, cab & air
IH 1586, cab & air
White 2-135, Red Stripe, 4x4, Series III
White 2-105 w/cab, 4x4, 1982
White 2-105 w/cab
Ford 7610, 4x4
Ford 5600, 4x4
AC 180, diesel
JD 265 loader
JD 260 loader
JD 245 loader
JD 158 loader
JD 148 loader
JD 48 loader

JOHN DEERE

*Nothing runs like a Deere*

**Lucknow TMR Mixer Dealer**

**TRACTORS**

| | |
|---|---|
| MF 285 w/Multipower, Excellent | Coming In |
| Ford 3910 MFWD w/Loader, Like New | Coming In |
| Case 930 Dsl, WF SOLD | Coming In |
| JD 8760 4WD, PS, 3pt, PTO, w/New Degelman Blade | Coming In |
| JD 4450 CHA, MFWD, PS, 18.4x38's, Nice | Coming In |
| NEW JD 6110, MFWD, Cab, Power Quad | |
| Case IH 5240 CHA, MFWD, 1995 model w/1600 Hrs, w/Reverser, Excellent | $38,900 |
| JD 2555 CHA, HiLo, MFWD, 2800 Hrs, Front Fenders, Excellent | $25,500 |
| JD 4040 CHA, QR, 3900 Hrs., Excellent | $19,900 |
| JD 7700 CHA, PS, 676 Hrs, 3 SCV's, 18.4x42 Radials, 1996 Model, Like New | $52,500 |
| JD 4240 CHA, PS, 1978 Model, 18.4x38 Tires, 5593 hrs, Excellent SOLD | $25,500 |
| JD 4440 CHA, PS, 1979 Model, 18.4x38's, 5650 Hrs, Excellent | $26,500 |
| JD 4455 CHA, MFWD, PS, 1991 Model, 4963 Hrs, 18.4x42 Tires, 3 Remotes, Excellent | $47,900 |
| JD 4250 MFWD 4-Post, PS, 20.8x38, 16.9x24, SOLD | $25,900 |
| JD 4320 WF, 4800 Original Hrs , w/18.4x34 Tires, Excellent | $13,900 |
| Ford 8700 CHA, Dual Power, Dual Remotes, Excellent | $13,900 |
| JD 4020 Gas, WF, Cab, Nice | $6,450 |
| JD 4840 CHA, PS, 4700 Hrs., 20.8x38s, Excellent | $27,900 |
| IHC 1086 4 Post, 3 Remotes, 20.8x38 | $10,900 |
| JD 3020 Gas, S.C., WF | $6,950 |

**GOOD USED SP FORAGE HARVESTERS**

JD 6750 SP Harvester, Kernel Processor, 4WD, 1998 Model, 191 Hrs. on Cutter Head ..... Coming In
JD 6910 SP Kernel Processor, 4WD, 1997 Model, 740 Hrs. on Cutter Head ..... Coming In
JD 5730, 1988 Model, 1-Owner, 2504 Hrs, Iron Guard, 18.4x30 Tires, Excellent ..... $78,500

| | |
|---|---|
| JD 1520 Dsl w/Great Bend Loader, Excellent | $12,800 |
| JD 5400 MFWD 2-Post, Reverser, w/540 Loader, 76 Hrs , Like New | $27,500 |
| JD 7600 MFWD CHA, PQ, 20 8x38s, 650 Hrs , Warranty 'til 6/99 | $54,900 |
| JD 8440 4WD CHA, 5300 Hrs , w/12' Blade | $28,900 |
| MF 1100 Dsl., WF, MP, Nice | $8,950 |
| JD 4640 CHA, QR, 1981 Model, 20 8x38's | $26,500 |
| JD 4520 w/Cab, 18 4x38's, Nice | $10,500 |
| JD 4320, w/cab & Air 6300 Hrs , Excellent | $14,900 |
| JD 4020 Side Console, Dual Remotes, WF, Excellent | $13,900 |
| JD 8640 4WD, 3pt, PTO, 20 8x38 w/Duals, Fresh Overhaul, | $31,500 |
| JD 6400 CHA, MFWD, 2800 Hrs, PQ | $35,900 |

**HAY & FORAGE EQUIPMENT**

| | |
|---|---|
| Gehl CB 1265 Harvester w/Metal, 3 RN & Pickup Head, Less than 2 years old, like New | $26,900 |
| Hesston 1160 Hydro Swing, 12' Excellent | $7,450 |
| Richardton 724 Dump Wagon, Excellent | Coming In |
| Richardton 750 Dump Wagon w/Brakes | Coming In |
| Richardton Dumping Station | $6,500 |
| JD 327 Baler w/30 Ejector, thru Shop, Excellent | $6,950 |
| JD 347 Baler w/40 Ejector, Loaded, w/Hyd. Pickup, Excellent | $10,500 |
| Case IH 8420 Round Baler w/Conv Wheels, Like New, 39"x54" Bale. | $6,250 |
| JD 100 Blower, Like New, 540 PTO | $2,950 |
| JD 3950 Harvester w/Metal, Loaded, Excellent | $13,900 |
| NH 570 Baler w/Bale Chute, Excellent | Coming In |
| JD 435 Round Baler | $13,900 |
| JD 338 Baler w/40 Ejector, Electric Controls | $11,900 |
| (2) JD 3970 Harvesters, Excellent | Coming In |
| JD 3960 Harvester w/Controls | Coming In |
| Hesston SP 6550 Windrower w/14' Head | Coming In |
| JD 3950 Harvester, 1991 Model, w/Controls, Excellent | $12,900 |
| JD 5 1/2' Pickup | $2,000 |
| JD 1219 MoCo, Excellent | $4,950 |
| JD 2RN w/Slip Clutch | $2,850 |
| JD 5 1/2' PU w/Slip Clutch | $1,550 |
| JD 3RN Corn Head, Excellent | $4,950 |
| JD 483 4RN Stalker Head for SP Harvester | $5,950 |
| NH 880 Harvester w/2RW | $1,450 |
| JD 3RN Corn Head | $3,950 |
| Used JD 4RN Converging Head | $10,900 |
| JD 40 Ejector, Excellent | $2,450 |
| (2) NH Wide Corn Heads off of 770 Harvesters | Choice $650 |
| JD DWA for 1209-1219 MoCo | $2,150 |
| JD 375 Round Baler w/Silage Kit, Gauge Wheels & Green Pickup. SOLD | $12,900 |
| JD 1460 Discbine, Excellent | $9,250 |
| JD 260 3 pt Disc Mower, Like New | $5,250 |
| JD 1R Snapper Head | $950 |
| JD Double Windrow Attachment For 1209-1219 MoCo | $1,500 |
| JD 640 Rake w/Dolly Wheel | $1,950 |
| NH 495 Haybine 12' | $1,950 |
| Gehl 2RW Corn Head Off Of Gehl 700 | $300 |

**PLANTERS & DRILLS**

| | |
|---|---|
| JD 7200 6R Vacuum, Liquid, Loaded, Exce SOLD | Coming In |
| JD 750 10' No-till Drill, 1997 Model, Used 2 Seasons, Like New | Coming In |
| JD 8300 18x7 w/True Depth & Press Wheels, Excellent | Coming In |
| IHC 510 Drill, 16 Hoe, Grass, Fertilizer, Excellent | $2,950 |
| JD 251 Pull-Type Power Till Seeder | $2,950 |
| JD 8200 21x7 DD, Grass Seed Attach., Excellent | $4,650 |

**TILLAGE**

| | |
|---|---|
| JD 970 Roller Harrow 12 | Coming In |
| JD 220 Disc, 18'6" Center Fold | Coming In |
| JD 2500 Spring Reset, 5 or 6 Bottom, 18" w/Coulters, Excellent. | $2,850 |
| Unverferth 21' Perfecta Harrow w/Hyd Fold SOLD | $4,250 |
| IHC 470 Disc, 18' Wing Fold | $2,450 |
| JD 1600 12' Chisel Plow w/Gauge Wheels | $2,100 |
| JD F350 5BT 16" Hyd. Reset, Excellent. | $1,850 |
| JD F325 3X16 3pt , Hyd Reset. | $1,750 |

**MISCELLANEOUS**

| | |
|---|---|
| JD 146 Loader w/Mounts, Like New | Coming In |
| JD 59 Forklift for 146 or 148 Loader. SOLD | Coming In |
| JD 650 Grain Cart, Tandem Axle, 650 Bu., Like New | $7,450 |
| JD 740 SL Loader w/Ind. Valve, Like New | $7,450 |
| JD 148 Loader w/Grapple, Ind Valve, Fits 3010 thru 4320 | $3,850 |
| JD 300 Husker w/343 Corn Head | $6,950 |
| Lucknow 375 Mixer w/Scales ~~$9,450~~ | $6,450 |
| Erskine 2418 Snowblower, 85", Fits Case Skid Loader, Like New | $3,850 |
| JD 245 Loader w/Ind Valve | $4,450 |
| Curtis 6' Front Blade for JD 70A Loader, new | $1,500 |
| JD 720 Loader, Ind Valve For 7000 Series | $5250 |
| JD 350 Sickle Bar Mower | $1,750 |
| NH 675 Tandem Manure Spreader | Coming In |
| NI 325 2 RN Picker 8 Roll Bed | $2,750 |
| JD 450 Hydra Push Manure Spreader, Hyd. Endgate | $3,950 |

# WINELAND EQUIP. INC.

JOHN DEERE

RD 2 Rte. 164 East
Martinsburg, PA 16662
Phone 814/ 793-2109

JOHN DEERE

# Thanks and Congratulations To:

# Mr & Mrs Earl Weaver

## On the Completion of Their New Machine Shop/Hardware Store

**Located at:** Weavers Machine Shop
385 Reading Rd (Rt. 625)
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**Specializing in:** Belts • Pollys • Bearing • Farm Supplies
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| --- | --- |
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Salesmen:
*Alvin Martin*
*Dave Wenger*

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## FARM MACHINERY
**(717) 866-2135**

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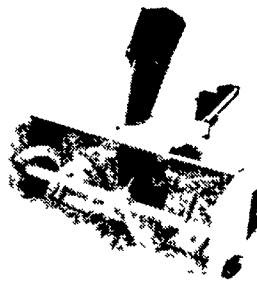
MYERSTOWN, PA 17067

WOODS

# OPEN HOUSE SPECIALS

***Sale Prices Limited to Current Inventory thru January 16, 1999***

### SNOWBLOWERS

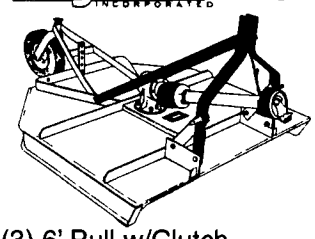


(2) 4' 3 Pt.
Was $1650....**SALE $1,250**
(1) 5' 3 Pt.
Was $1,750...**SALE $1,375**
(1) 7'6" 3 Pt.
Was $2,900...**SALE $2,375**
(1) 8' 3 Pt.
Was $3,300...**SALE $2,725**

### WOODS FINISH MOWERS

(1) RD 6000 5' 3 Pt.
List $2,142...**SALE $1,485**
(1) RD 7200 6' 3 Pt.
List $2,192...**SALE $1,545**
(1) RD 8400 7' 3 Pt.
List $2,549...**SALE $1,745**
(1) RM 660 6' 3 Pt. (demo)
List $2,192...**SALE $1,395**

### KingKutter ROTARY MOWERS



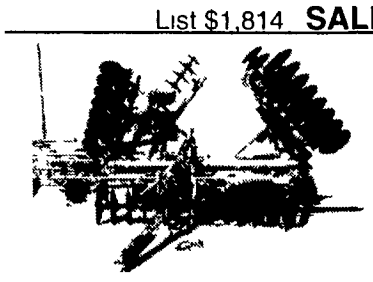
(3) 6' Pull w/Clutch
Reg. $1,259.**Sale $900**

(2) 4' 3 Pt.
Reg. $595...**SALE $450**
(1) 5' 3 Pt.
Reg. $650...**SALE $595**
(6) 5' Pull Type
Reg. $795...**SALE $575**
(2) 6' 3 Pt. w/Clutch
Reg. $1,195.**SALE $800**

### WORKSAVER HPD 16 3 Pt. POST POUNDER
List $1,814 **SALE $1,095**

### WORKSAVER HAY FORKS w/GRAPPLE
List $1,096 **SALE $549**

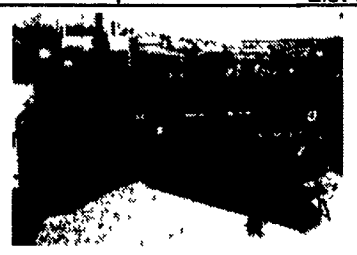
### WESTFIELD 4" x 11' UTILITY AUGER
List $149 **SALE $99**



White 271 21' Rock Flex Disk w/New 22" Blades

CASE IH 685 4WD w/2255 Loader, Rollbar and Roof, Wheel Wts , Good Cond

1981 WHITE 2-70, 2,620 Hours, Soft Cab, Very Nice, Wheel Weights, 2 Outlets



FORD NH 145 Spreader w/Tailgate, Sharp

GLENCO 9 Tooth Soil Saver, Sharp. Also GLENCO 7 Tooth & JD 712 7 Tooth

### TRACTORS

JD 7400 MFWD, Cab, Power Quad
JD 6300 MFWD, Open Station
JD 2950, Cab, MFWD
JD 4430, Open Station, Quad
JD 4030, ROPS, Quad
JD 3020 D, Syncro
JD 900 HC w/Cultivator
JD 'L' w/cult
Case IH 7210 MFWD, 18.4x46, Weights
IH 1066 Fender w/Duals
IH Hydro 186, Cab
IH 706 Diesel, Very Nice
MF 1085 w/Cab, Low Hours, Nice
White 2-70 w/Soft Cab, Nice, Low Hours
Oliver 1555 WF2R, D, Nice
2) AC 7080, 1 w/Duals
AC 7000 w/Cab, Low Hours, Nice
AC D10 w/3 Pt.
AC D15, WF, 3 pt
Case 430 Gas, Tricycle, 3 Pt
Case Vac w/3 Pt. Hitch
2) Ford 4610 w/Canopy
Ford 9N
Farmall 300 w/FH, Try, nice
Farmall 140 w/6' Belly Mower
Farmall MD w/Power Steering
Farmall H w/Wide Front
2) Farmall Super H
Farmall Cub w/snow blade

### TRACTORS WITH LOADERS

Case IH 685 4x4 w/2255 Loader & Canopy
IH 685 w/2255 Loader, Nice
IH 684 w/2250 Loader
JD 2640, Hi-Lo w/145 Loader & Canopy
Ford 5600 w/Loader
Ford 445A 4x4 Industrial w/3 Pt.
Case 570 Gas w/Freeman Loader
Oliver 550 Gas w/Oliver Loader & Reverser
Kubota 3350 4x4 w/Ldr.

### CHISEL PLOWS/SOIL SAVERS

Case 10T Hi-Clear Pull Type
Brady 7T. 3 Pt. Chisel Plow
Brillion 5T. 3 Pt. Chisel Plow
IH 7T. 3 Pt. Chisel Plow
IH 11T. 3 Pt. Chisel Plow
IH #11 7T. Auto Reset V-Ripper
IH #11 6T. Auto Reset V-Ripper
Krause 5T Soil Saver
Glencoe 5T. Soil Saver
2) Glencoe 7T Soil Saver
2) Glencoe 9T Soil Saver
Wilbeck 7T. Soil Saver
JD 712 7T Soil Saver

### FIELD CULTIVATORS

Krause 3121 21' Landsman, nice
CIH 4500 12½' wingfold
Hiniker 1120 18' flat fold
JD 1010 16' 3 pt
JD 1010 10' 3 pt
Brady 12' pull type
Kongskilde 21 3 pt perfecta harrow

### MANURE SPREADERS

New Idea 3622 single beater & tailgate
Ford NH 145 w/tailgate
McCormick 200 Spreader
New Idea 351 Single beater

### CULTIMULCHERS

2) Brillion 15' Mulchers
Brillion 14' Cultimulcher
2) Brillion 10' Mulchers
Dunham 10' Mulcher
Dunham 12' Mulcher

### CULTIPACKERS

Brillion 23' Xfold, Crowfoot, Packer
2) Brillion 18' End Trans. Packers
2) JD 12' Packers
Dunham 10' Packer
Dunham 16' End Transport Packer
5) Set Pup Packers
Also 6'-8'-9' Packers

### SKID LOADERS

Gehl 3825 33 HP Kub. diesel
McMillen Post Hole Digger to fit Skid Steer
Bobcat 709 Hoe Attach (Like New)
Case 1816 16HP w/44" Bucket

### CORNPLANTERS & DRILLS

White 5100 6R 30", dry fert., no-tils
JD 7000 6R 30", dry fert.
JD 7000 6R 30" , Liquid, no-tils
JD 7000 4R, 38" dry, no-til
IH 800 4R, 30", liquid
2) AC 2R 3 pt w/no-tils
2) Ford 2R 3 pt
JD 290 2R pull type
JD 246 2R 3 pt
EZ flow 4', 8' and 10' lime drills
JD 8200 21x7 DD w/grass
JD 8250 14x7 DD w/grass

### DISC HARROWS

Case IH 3800 12' Rockflex (nice)
Case IH 475 13' disc, nice
JD 230 20' wing fold, nice
JD 220 18' Center Fold
Kewanee 12' rockflex, nice
Hutchmaster HD 12' offset
3) IH 10' transport disk
3) IH 8' Transport Discs
White 271 18' rock flex (new blades)
Miller 11' Offset, Leveling Cyl., Nice

### HAY EQUIPMENT

NH 258 Rake w/Dolly
NI 4161 Dolly Wheel Rake, Hyd. Drive
JD 640 Rake w/Dolly Wheel
NI 400 Hay Rake
NI Fast Hitch Hay Rake
MF 3 pt. Rake
Pequea 710 PTO tedder
Kuhn 3 pt rake/tedder
NH 255 Rake/Tedder, Nice
FNH 157 3 pt. Tedder, nice
NH tandem rake hitch
Ag Wrap 5x5 3pt. bale wrapper (demo)
3) 3 pt. bale mover
Zimm 36' Elevator (Nice)
Zimmerman 32' Elevator (Nice)
Smoker 21' Elevator
Case IH 8530 Centerline Square Baler
JD 338 Baler w/Ejector
JD 327 Baler w/Ejector
MF 12 Baler w/Thrower

### MISCELLANEOUS

Bush Hog 860-H 3 pt. Hoe Attach w/18"
Hardee 3 Pt. Log Splitter
JD AMT 622 w/Cab
Richardton #700 side dump wagon
Richardton 1200 side dump (sharp)
Farmall Cub & Super A&C snow blades
12' Stalk Chopper
(5) Belt 16' Alum. Elevator
Oliver 2R Potato Digger
(16) Gravity Bin Wagons
2) Sauder Snow Blades
Howard 11'3 pt. HD rotovator
18.4x38 Open Center Duals
20.8x38 Open Center Duals
Pequea 6x12 Trailer w/4' Ramps
Bear Cat 1101 Grinder/Mixer
IH 950 grinder/mixer
3) JD 400 Grain Cart

### PLOWS

IH 720 7x16", auto reset, on land
IH 720 5x16" reset
IH 720 4x18" auto reset
2) IH 450 3x16 reset
IH 531 3x14 trip, 3 pt.
IH 311 3x FH
IH 1x FH plow
IH 3x14 pull plow
2) JD 4X Pull Type
JD 1350 4x16 (nice)
JD 2800 vari-width 8x
JD 3600 5x18" pull plow
White 549 5x18" auto reset
White 508 4x18" auto reset
Oliver 348 3x16 reset
Oliver 2X14" Pull Type
AC 2500 4x16 trip, semi-mtd.
Also IH, JD FO, rollover plows

### LOADERS

CIH 2350 w/6' Bkt. Fit 1066 Etc. (Sharp)
2) IH 2350 w/7' Fit 1066 Etc.
JD 2010 Industrial Loader
JD 45 w/6 1/2' Tine Cover
JD 47 w/5' Fit 830 Uty. (Poor)
JD 48 w/5' Fit 2640 Etc.
NI Off JD 620
Woods 315 w/8' Bkt. Fit 1066 Etc.
White Loader to Fit 2-70 Etc.
Dunham 22 ldr w/universal mts.

## OPEN HOUSE JANUARY 4TH THRU 16TH

Mon. - Fri.
7:30 AM to 5:00 PM
Sat.
7:30 AM to Noon

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## OF MYERSTOWN
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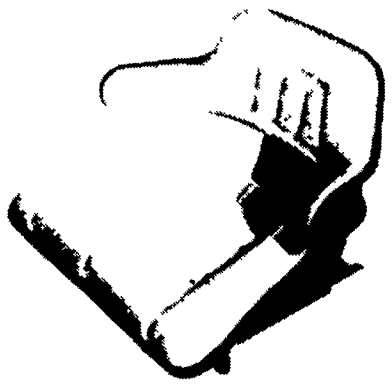
***Monday January 4 thru Saturday, January 16***

**Light Lunch Served Between 10:00 & 2:00 Each Day!**

**Closed Sundays**

## NEW TRACTOR SEAT ASSEMBLIES



**$140**

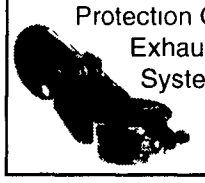
With Slide Track
**$150**

***Available In Yellow, Blue, Black***

**10% DISCOUNT**
All Other New Replacement Seat Cushions In Stock

## MUFFLERS

**RAIN CAPS**
For NEVER Fail Automatic Protection On Exhaust Systems



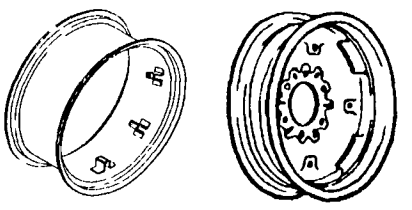
**CLAMPS**

***See Us For Your Muffler Needs - We Have Them In Stock For Most Makes & Models.***

**10% OFF**
**MUFFLERS, RAIN CAPS, CLAMPS**

## 10% DISCOUNT ON NEW REPLACEMENT MANIFOLDS AND MANIFOLD GASKET SETS

*Available For Many Farm Tractors!*



**15% DISCOUNT ON NEW TRACTOR RIMS AND WHEELS IN STOCK**

- *Quarts*
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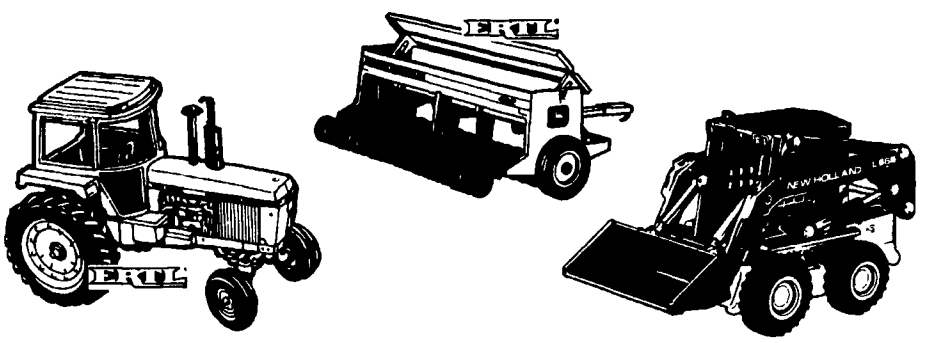
- *5 Gallons*

**15% DISCOUNT ON OIL**

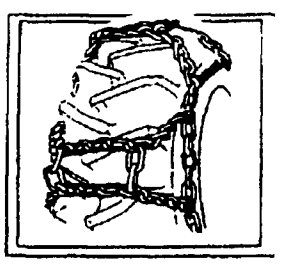
## 30% DISCOUNT ON ALL ERTL® TOYS IN STOCK

*(Except Pedal Tractors & Trailers)*



## TRACTOR TIRE CHAINS

HIGHWAY TYPE



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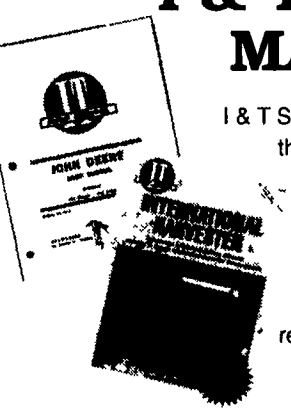
***At 1996 Prices!!!***

## STARTING FLUID

**$1.50 Can**

## I & T SERVICE MANUALS



I & T Shop Service Manuals provide all the information needed to service practically any make or model of wheel type farm tractor. Step-by-step procedures and illustrations help you do the job right. The savings on one minor repair job will more than make up the low cost of the manual.

***Available For Most Makes & Models Of Farm Tractors***

**SMALL MANUALS**
List $22.95
**SPECIAL $18.95**

**LARGE MANUALS**
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## 10% DISCOUNT ON KING KUTTER AND WOODS PARTS

## WD-40

- Stops Squeaks • Loosens Rusted Parts
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9-oz. Spray..... **$1.99**
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**EXTRA STRENGTH LUBRICANT**
13.5-oz.
**$4.99**

**There's always another use.**

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### TRACTORS
**NEW**
JD 5410 2WD
JD 5510 MFWD w/Cab
JD 5510 2WD
JD 7410 MFWD w/Cab
**USED**
Int 2424 3 pt hitch
JD 4430 w/Cab, PS
JD 1970 model 3020 Dsl , WF, Syncro
Zetor 3320 w/2440 Bush Hog Loader
Farmall A w/Plow, Cultivators & Mower

### HAY EQUIP.
**NEW**
JD 456 Silage Special Round Baler
JD 710 MoCo
**USED**
Kuhn GMD 700 Disc Mower
2 Bale Wagons w/Wood Sides
NH 489 Haybine
1209 MoCo
IH 1190 MoCo
NH 69 Baler w/Thrower

### HARVESTING
**USED**
JD 3940 w/2RW & 2RN Head
IH 303 Combine
10' G H 2 RW C.H

### TILLAGE
**USED**
JD 6' Offset Disc
Int 7500 4X Semit Mount Var Width Plow
JD 3 pt 2x Plow
JD 960 10' Field Cultivator
JD BW 10' Disc
JD 12 AW Disc, Good Condition

### PLANTING
**NEW**
JD 1750 6R No Till Corn Planter
**USED**
JD LF 10 Fertilizer Spreader
JD 7000 4R Corn Planter
JD 8300 21x7 w/Grass Seed Boxes
JD 7240 11R Planter, Dry Fertilizer
JD 8300 DD 18x7
JD 8300 Drill w/harrow attach.

### MISC.
**NEW**
W80-56 Westfield Auger
JD 709 Pull Type
Cherokee Post driver
616 Rotary cutter
413 Rotary cutter
717 Rotary cutter
Unverferth header wagon
**USED**
Toro Z222 w/52" Deck
JD F725 w/54" Deck
F932 w/60" Deck
Flatbed Farm Wagon w/Sides
16 HP Wood Pro Chipper Shredder
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## NEW/USED/RENTAL LIQUID MANURE EQUIPMENT

### Spreaders
Calumet 1500 Gal. Vacuum Tank, 14Lx16.1 Tires.....**Call**
Calumet 3250 Spreader 21.5x16.1 Tires, 1997 Model.....**$7,500**
Houle 3600 Gal. Spreader 23.1x26 Tires, Brakes 1998 Rental.....**$12,600**
Houle 4300 Gal. Spread[SOLD] Axle, Brakes, 28Lx26 Tires, '98 RENTAL....**$14,900**
Houle 4800 Gal. Spreader, 28Lx26 Tires, Brakes.....**$15,900**
Houle 5350 Spreader 28Lx26, Brakes..**$16,900**
Houle 6300 Gal. Spreader (6) 28Lx26 Tires, Steering Axle, Brakes .....**Call**

### Pumps
Houle 42 ft. Lagoon Pump, '98 Rental....**$7,700**
Houle 32 ft. Lagoon Pump, '98 Rental.....**Call**
Houle 32 Ft. Multi Purpose Lagoon Pump, RENTAL.....**Call**
Houle 20" & 28" Maxi-Pump.....**Call**
Badger BN184 Lagoon Pump as is.....**$750**

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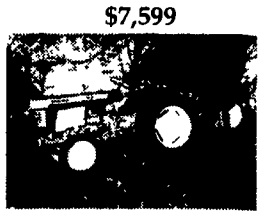
## TRACTORS

Yanmar 2000D 4WD
$5,999

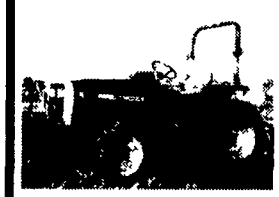
Yanmar 2010D Power Shift, 4WD, w/Loader
$7,599

Yanmar 2500, 2WD, w/Tiller
$5,499


Yanmar 2000 w/Tiller
$3,995

Mitsubishi Beaver III w/Mower
$3,499

Massey Ferguson 1240
Like new - 80 hrs
CALL


Massey Ferguson 1250
4WD, Turf, New
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Massey Ferguson 1205
4WD, Turf
*CALL

* Low rate financing available
Coming In Massey Ferguson 1250 w/loader & mower
Approx 380 hrs Like new
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## 1 FARM EQUIPMENT

**Dahlman Potato Digger**
2 Row Windrower
Good Condition
**$5500**
**814/447-3519**

*Happy Holidays!*

**INT:** 7110 w/cab, 3230 w/loader, 3088, 1486 w/Cab, 1086 w/Cab, 986 w/cab, 966, 885 w/cab, 885 4WD w/loader; 886 w/cab, 766 w/Cab, 686, 685 4WD, 684 w/Loader; 574 w/Loader; 560, (2) 460, 300
**JD:** 4640 w/cab, PS, (2) 2640 w/loader, JD 2555 w/Loader, 2550, 4WD w/loader, MT, Bobcat 743 skid steer, Ford 6600 w/cab & side mount bank mower, JD 455E Crawler loader , AC 6080 w/cab
**Rnd. Balers:** NH855, (2) 853, (2) 850, 849, 845, 634, Case IH 8450, 3440, JD 335
**Sq. Balers:** NH 316 w/kicker, (2) JD 336 w/kicker; 328 w/kicker, IH 430 w/thrower
**Haybines:** NH 488, JD 1326 Discbine
**Grain Drills:** JD 8200, 8300, IH 5300, 510
**Planters:** (2) JD 7000 6R, IH 56 2R, JD 3pt 2R
**Chisle Plow:** IH 55 10T, Glenco 11T
**Disc Chisels:** IH 10T, Brillion 11T, Glenco 11T, AC 9T
**Manure Spreaders:** IH 530, NH 518, NI 363 tandem
**Misc.:** JD 7' snowblower, Myers 8' snowplow, Brillion cultimulcher, (2) NH 36 flail choppers, IH 720 harvester, (3) Cultipackers, (3) Hay Rakes, (2) sickle bar mowers, Cultivators, Discs 10'-20', plows 2 thru 6 bottom, hay tedders & inverters

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Farmco Feeders,
Tedders 9' & 17'
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1990 JD 4755, 4,000 Hrs., Cab/Air, 2WD, Duals ... .....**$50,000** O

1980 JD 6620 SH, 4,853 Hrs., 2WD, Hydrostatic Straw Spreader.. .....**$25,000** W

1988 JD 6620, Tital II Sidehill, 3,222 Hrs., 2WD, Hydrostatic..... **$42,000** W

## USED EQUIPMENT

### TRACTORS

| | | | Stock # |
|---|---|---|---|
| JD 8300 MFWD, 1995, 2950 Hrs , 4 hyd Dual 20 8x42, 1000 PTO | $75,000 | O | |
| JD 7700 2wd, cab, 475 hrs, PS | $60,500 | O | 4032 |
| JD 4755 2wd, cab, duals, 3999 hrs | $50,000 | O | 3865 |
| JD 4240 Cab, Quad Range, 3 remotes, 7200 hrs SOLD | $21,500 | W | 4804 |
| JD 2840, 18 4-34 tires, 2 rei SOLD | 15,900 | O | 3674 |
| JD 2355 Rollguard & Canopy | $14,500 | W | 4211 |
| JD 4020 Side Console, new engines, overhaul, cab, excellent condition, 6017 hs | $15,000 | W | |
| JD 4020, 6659 hrs | $9,500 | O | 6135 |
| JD 2010 | $2,500 | W | 5294 |
| Case IH 5220 4wd, 640 Quickie Loader, 1449 hrs | $41,500 | W | 3827 |
| Case IH 595 2wd, 1392 hrs | $15,900 | W | 3828 |
| Case IH 585 2wd, loader, 1565 hrs | $14,000 | O | 6026 |
| Case IH 574 2wd, [SOLD] 2900 hrs | Coming In | O | |
| Case IH 275 2wd, 1800 hrs | $8,500 | W | 3849 |
| Case IH 234 4wd, 60" mower | $8,200 | W | 3082 |
| Belarus 420AN Tractor w/loader | $7,000 | W | 5293 |
| JD 950 2wd, two (2) to choose from | from $8,000 | W | 4033, 2278 |
| JD 955 MFWD,70A Loader, 72" mid-mower, 100 hrs , 1 yr warranty | $19,200 | O | |
| JD 850 2wd with 72" mid-mount mower | $6,500 | W | 5226 |
| JD 855 4wd, 875 hrs, 72" mid-mower | $15,500 | O | 6099 |
| JD 750 2wd w/60" mid-mower | $7,500 | W | 2283 |
| MF 40, w/MF34 loader, MF 52 backhoe, cab, 3000 hrs | $6,500 | O | |
| Hesston 65-56, 68 hp, 1989 model | $5,500 | O | |
| Mitsubishi MT372 Compact tractor w/50" mid-mower | $4,950 | W | 3972 |
| Yanmar 300 Compact tractor w/tiller | $3,500 | W | 4984 |
| Ford 9N loader | $3,500 | O | 3896 |
| Ford NA | $1,800 | O | 6097 |
| Cub w/belly mower, sickle mower & blade | $2,500 | O | 6057 |
| IH 484 2wd, 4500 hrs | $5,500 | O | 6047 |
| Kubota M7580, 1994, MFWD, 12/12 Rev w/M1275 Loader, 880 Hrs | $23,500 | O | |
| Kubota L185 2wd [SOLD] s, Woods 60" mid-mower | $3,500 | O | 3703 |
| Farmall H, two (2) to choose from | $1,800 | W | 4783, 4213 |
| AC WD w/plow | $1,500 | O | 3840 |

### SKID LOADERS

| | | | Stock # |
|---|---|---|---|
| JD 675B | $7,100 | W | 4817 |
| JD 4475 | $14,800 | W | 2583 |
| NH L225 | $6,500 | O | 3322 |
| NH L555 | $11,800 | W | 2086 |
| Bobcat 553, 731 hrs, aux hyd | $10,200 | O | 6113 |
| Bobcat 753, cab, heater, 5218 hrs, aux hyd | $9,500 | O | 6114 |

### COMBINES & HEADERS
*Interest Rates From 4% - Call For Details!*

| | | | |
|---|---|---|---|
| JD 6620 Sidehill Titan II, 2wd, chopper, auto header, 3200 hrs | $42,000 | W | 2960 |
| JD 6620 Sidehill Titan II, 2wd, chopper, dial-a-matic, 3495 hrs | $39,500 | W | 4967 |
| JD 6620 Sidehill Titan II, 2wd, chopper, dial-a-matic, 3704 hrs | $35,000 | W | 4968 |
| JD 6620 level land, 2wd, 1982 | $25,000 | O | 3963 |
| JD 215 | $4,900 | O | 3964 |
| JD 913 | $7,250 | O | 3571 |
| JD 915 four (4) to choose from | $7,500 | I-O, 3-W | |
| JD 443 | $3,500 | O | 6046 |
| JD 643 four (4) to choose from | from $6,500 | W | |
| JD 693 knife stalk rolls | $16,900 | W | 3602 |
| JD 843 new poly dividers | $13,500 | O | 3947 |

### HAY & FORAGE
*Interest Rates From 3.9% - Call For Details!*

| | | | |
|---|---|---|---|
| JD 6750 SPFH, Demo Unit, KP, 350 hrs | Call | O | |
| NH FX25 SPFH, 500 hrs | Call For Details | O | |
| JD 3970 chopper, 3 row corn head, 1997 | $25,000 | O | |
| NH 790 chopper, 2 row corn head | $10,500 | W | 2805 |
| Gehl 1265 chopper w/A[SOLD] 3 row corn & 7' pick | $29,500 | O | 3517 |
| JD 1600 Hydro swing Mo-Co. | $9,800 | O | 3629 |
| JD 1327 Impeller Mo-Co. | $5,500 | O | 2719 |
| NH 499 | $15,000 | W | 2927 |
| NH 499 | $6,500 | W | 4722 |
| JD 337 baler w/ejector | $7,900 | W | 2806 |
| NH 326 baler w/thrower | $9,500 | O | 3925 |
| NH 315 baler | $3,800 | O | 2652 |
| Vermeer baler | $2,500 | W | 4605 |
| JD 430 Round baler | $9,500 | O | 3279 |
| NH 258 rake | $1,700 | W | 4388 |
| NH 216 Twin rake | $14,500 | O | 3922 |
| Kuhn GF 5001 16' tedder | $3,500 | O | |

| | | | Stock # |
|---|---|---|---|
| Meyer 3516 forage wagon, no roof. | $1,995 | O | 3965 |
| Meyer 4118 forage wagon, tandem gear. | Call | O | |
| Richardton 700 dump cart, demo... | Call | O | 4751 |

### PLANTING & SEEDING

| | | | |
|---|---|---|---|
| JD 787/1850 No-Till air seeder & drill, 230 bu, 30' markers, new openers & boots | $50,000 | O | |
| JD 750 15' no-till drill. | $15,500 | O | 3905 |
| JD 7000 6 row, liquid fert, frame coulters. | $9,500 | W | 4076 |
| JD 7000 6 row, liquid fert, frame coulters.. | $4,900 | O | 3537 |
| John Deere 7000 6 row, liquid fert , frame coulters. | $9,500 | O | 3539 |

### TILLAGE

| | | | |
|---|---|---|---|
| JD 635 17'11" disk, new blades | $12,800 | O | 6112 |
| JD 110 disk | $1,500 | O | 3285 |
| Pittsburgh 13' disk | $1,200 | W | 11619 |
| 6' disk | $500 | W | 4953 |
| Glenco 22' Cultivator | $3,600 | O | 3110 |
| 12' folding harrow | $500 | W | 4955 |
| Unverferth rolling harrow II, 24' | $4,500 | O | 3001 |

### ROTARY CUTTERS & MOWERS

| | | | |
|---|---|---|---|
| Kuhn GMD77HD disc mower | $3,800 | O | 3882 |
| Kuhn GMD 700 GII disc mower, Demo | $6,995 | O | 2995 |
| Bush Hog 2510 rotary cutter | $3,800 | O | 3465 |
| Rhino 15' rotary cutter | $7,500 | O | 3530 |
| JD 1008 rotary cutter. | $2,750 | W | 4945 |
| JD 709 rotary cutter | $2,200 | W | 1985 |
| JD 25A flail shredder | $1,200 | O | 3968 |
| JD 50 sickle bar mower | $300 | W | 4210 |
| Numerous 4, 5, 6 & 7 foot economy cutters | from $250 | | |

### MISCELLANEOUS

| | | | |
|---|---|---|---|
| JD 965 running gear | $900 | O | 3970 |
| Unverferth 235 grain wagon | $1,750 | O | 3305 |
| JD 780 Manure spreader. | $4,200 | W | 5123 |
| Cardinal auger, 6x50 | $400 | W | 2320 |
| New Idea 324 cornpicker, 2 row. | $1,800 | W | 2156 |
| JD 740 NSL loader for 55 series.. | $6,500 | O | 6116 |

**W = Whiteford Location**
**O = Oxford Location**

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## Hamburg, PA 19526

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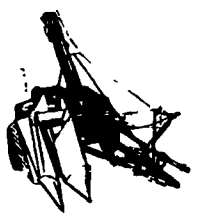
**COMBINES** many Displayed Inside w/Good Selection of Heads
1991 JD 9600 4WD w/Duals, Real Nice
1988 FNH TR96 4WD, Full Eq w/973 20 Grain & 974 8R Corn
1987 Case IH 1660 4WD
1991 JD 9600, real nice
1989 JD 9600
1990 JD 9500, 2200 Hrs w/Duals Nice
1990 JD 9500
1990 JD 4435 Hydro 4WD 900 Hrs
1986 JD 4425, nice
1986 JD 4425, nice
1988 JD 7720 Titan II 4WD
JD 7720 Titan II 4WD
JD 7720 Titan II w/918 Flex & 643 Corn
1981 JD 7720 4WD
JD 6620 Titan II
JD 7720 4WD w/216 Flex & 643 Cornhead
1979 JD 7720, Nice
1979 JD 6620 Side Hill, good
1979 JD 6620 Side Hill
1981 JD 6620 Side Hill
JD 6620 Side Hill w/643 Corn
JD 6620 4WD w/215 Flex And 643
1980 JD 6620, Good
JD 4420 w/213 Flex & 443 CH, 1900 Hrs
JD 4420 w/213 & 443 Corn Head
JD 4420 w/443 Corn Head,
JD 4420, Local Trade
JD 4420 C A
JD (75) 7700 Hydro CA
(77) JD 7700 C A
JD 6600 Side Hill Hydro Nice
1977 JD 6600 Hydro, Real Nice
1976 JD 6600 4WD
JD 6600 Hydro w/2 Heads
JD 4400D Rotary Screen
IH 1460 C A, Hydro, 4WD w/820, Flex & 863 Corn Head,
IH 1440 As Is,
IH 1420 w/810 Grain & 943 CH
IH 915 Turbo Hydro, 4WD, w/810 Grain
(77) IH 815 D, C A, Hydro, 4WD w/810 Grain & 4R Corn
IH (75) 715 D C A w/810 Grain & 844 Corn Heads,
IH 715D w/810 Grain & 843 Corn
1983 MF 860 4WD, Real Nice
MF 860 4WD, As Is
1984 MF 850 Charge Cooled w/2 Heads
MF 850 Combine w/16' Flex
MF 850 4WD w/2 Heads
MF 850 C A, Turbo, Hydro, w/17' Flex and 6R Cornhead
MF 750 Turbo Hydro
MF 550 Gray Cab hydro, 4WD w/3 Heads
MF 540 CA
MF 300 Gas CA, Real Nice
MF 300 Gas w/10' Grain & 3R Corn White 8800
1983 NH TR 85 w/2 Heads, Real Nice
NH TR70 C A Hydro
Gleaner M3 w/315 Flex & A630
Gleaner L2 w/A630 Corn Head
Gleaner N6, 4WD w/2 Heads
Gleaner F2 w/A430 & 13' Flex,
Gleaner F2 Diesel Turbo w/438 Corn
Gleaner F Dsl
NI 800 Uni 4WD w/717 Combine
NI 702 D w/727 Bed & 3R C H, NI 702 Uni w/727 and 735 Corn Head, NI 729A Shellers, NI Uni 838 Husking Unit w/841 Feeder House
**CORNHEADS** JD 693 6R w/Hyd. Plates, JD 843 Oil Bath, JD 655 Row Crop Head, JD 643 Oil Bath, Like New, JD 643 Oil Bath, 643 LP, 643, 444 Oil Bath, 444 LP, 444, 443 Oil Bath, 443 LP, 444, 443, 343, 244, 243, 435, JD 453, 454 Row Crop Head,
Case IH 1063, IH 983, IH 963, 943, 844 843, 833; 763, 744
Agco 6R 30", Like New
Gleaner A638, L630 N630, A C GL 440 C440, A438 Black, A430, F430, F335 KF 330
M F 1163, 1144, 1143, 83, 63, 44, 43, 33
NI 744W, Ford 4-30", Case (404)
NH 974 N6, NH 974 N4, NH 962 N6, NH 962 N3, NH 962 W4, NH 924, 4RW, White 704W, White 706N, Oliver White 4N, White 703
**GRAIN HEADS:** JD Used 12 -15', JD 925 Flex Damaged, JD 922 Flex, JD 920 Flex, JD 918 Flex, JD 915 Flex, Incl 213 & 215 Flex & (2) JD 216 Flex, 213
Case IH 1020 17-1/2, Case IH 1020, 22 1/2', Nice
I H 820 16-1/2 & 17-1/2' Flex
810-13 Thru 17 5' w/Reg or Floating
M F 9116 Flex, MF 9118 Flex, M F 10 -20 Reg or Floating Bar, A C E10
Deutz Allis (R) 18 Flex Like New
NI 713 Flex Or Rigid, NI 715 S Flex
**TRACTORS** Good Selection of 4WD Tractors
JD 7800 CA MFWD 46" Duals, Real Nice
JD 7800 CAPS 2WD, 1-Owner
JD 7400 CA MFWD w/740 Loader
JD 6400 CA MFWD, Nice
JD 6400 CA MFWD w/640 Loader
JD 6400 CA MFWD, Nice
JD 6300 CA MFWD
JD 6200L MFWD w/640 Loader
JD 6200L ROPS, 2WD, 600 Hrs
JD 8760 4WD 42" Duals w/3 Pt
JD 8760 4WD w/3 Pt,
JD 4960 CAPS, MFWD w/Duals
JD 4760 CAPS, MFWD, w/46" Duals
JD 4955 CAPS, MFWD, 20x42 Duals, JD 4955 C A PS, MFWD, JD 4555 CAPS, MFWD, JD 4455 CAPS, MFWD, JD 4455 CAPS MFWD (Needs Power Shift Work), JD 3155 CA, MFWD w/265 Loader, JD 3155 ROPS MFWD w/JD 265 Loader, JD 2955 CA, MFWD, JD 2955 CA, MFWD, JD 2955 ROPS, MFWD, JD 2955 ROPS, MFWD w/265 Loader, JD 2755 CA, MFWD, JD 2755 ROPS MFWD w/245 Loader, JD 2755 ROPS, JD 2155 MFWD, ROPS, w/175 Loader, 1984 JD 4850 CAPS, MFWD, JD 4850 CAPS, MFWD w/Duals, 1988 JD 4850 CAPS MFWD w/Duals, JD 4650 CAPS MFWD w/Duals, JD 4650 CAPS MFWD w/Duals, JD 4650 CAPS, MFWD, 1988 JD 4450 CAPS MFWD, 1986 JD 4450 CAPS MFWD w/Duals, JD 4450 CAPS MFWD, Real Nice, JD 4450 CAPS, MFWD, JD 4450 C A PS, MFWD, JD 4450, C A.PS, MFWD, JD 4450 CAPS w/Duals, JD 4450 CAPS, JD 4450 CA QR, JD 4250 CAPS, MFWD, JD 4250 CAPS, MFWD, JD 4050, CAQR, JD 4050 Fender QR w/Loader; JD 4050 ROPS, QR, Nice, JD 3150 CA, MFWD, JD 3150 MFWD w/265 Loader; JD 3150 CA MFWD, JD 3150 ROPS, MFWD JD 2950 CA MFWD, JD 2950 CA, MFWD, JD 2950 ROPS MFWD w/265 Loader; JD 2950 MFWD, JD 2950 CA, JD 2950, Nice JD 2950 CA, MFWD,
JD 2950, JD 2750 MFWD w/245 Loader, JD 2550 MFWD w/245 Loader, JD 2550 MFWD w/245 Loader, JD 2550 CA w/245 Loader, JD 2550 w/Creeper, JD 2350 w/175 Loader, JD 8640 w/Duals, 3 pt PTO, JD 8640 4WD w/Duals, 3 Pt PTO, JD 4840 CAPS w/Duals, JD 4840 C A PS Duals JD 4840 C A PS, w/Duals, JD 4640 CAQR, 4 WD, JD 4640 C A PS, 18x42 Duals, JD 4640 C A.Q R, Duals, JD 4640 C A Q R, 1982 JD 4440 CAPS w/Duals, JD 4440 C A PS, 1981 JD 4440 CAPS 4WD, 1982 JD 4440 C A Q R, JD 4440 CAQR Real Nice, 1981 JD 4440 CAPS, 4WD, 1981 JD 4440 CAPS, Nice, JD 4440 CAPS, JD 4440 CAPS, JD 4440 CAPS, 1981 JD 4440 C A Q R, JD 4440 CAQR, Nice JD 4440 CAQR w/Duals, JD 4440 CAPS, 4WD, JD 4440 CAQR, 20 8x38 Tires, Good, JD 4440 CAQR, JD 4440 CAQR, 3 Hyd, JD 4440 C A Q R, 1981 JD 4440 C A PS, JD 4440 C A PS, 4WD, JD 4440 C A Q R, JD 4240 CAPS w/148 Loader, JD 4240 CAPS, JD 4240 CAPS, JD 4240 CAPS, JD 4240 C A PS, 1982 JD 4240 CAQR, 1982 JD 4440 CAQR, JD 4240 CAQR, JD 4240 CAQR, JD 4240 C A w/Creeper Trans, JD 4240 ROPS 8-Spd, JD 4040 CAPS, JD 2940 CA, MFWD, JD 2940 MFWD, JD 2940 w/148 Loader; JD 2940, JD 2940, JD 2940, JD 2640 w/145 Loader, JD 2640 w/Reverser w/146 Loader, JD 2640 Hi Lo, Real Nice, JD 2640 HiLo Original, JD 2640 w/Hi-Lo, JD 2640, JD 2640 8 Spd, IPTO, JD 2640 w/48 loader (needs trans work), JD 2440 w/145 Loader, JD 2240, As Is, JD 8630 4WD w/Duals, Nice, JD 8630 4WD w/Duals, 1977 JD 4630 CAPS, Real Nice, JD 4630 CAQR w/Duals, Nice, JD 4630 CAQR, Nice, JD 4630 C A Q R, JD 4630 CA, Syncro, JD 4630 ROPS, Syncro, 1977 JD 4630 Power Shift w/Damaged Cab, JD 4430 CAQR, Real Nice, JD 4430 CAPS, JD 4430 CAPS, JD 4430 CAQR, JD 4430 CAQR, Local Trade, JD 4430 C A Q R, JD 4430 CAQR, JD 4430 CAQR, JD 4430 4WD w/Year Round Cab, 1977 JD 4230 CAQR, JD 4230 CAQR Nice, JD 4230 CAQR, JD 4230 CAPS, JD 4230 CA QR, JD 4230 Fender Quad, JD 4230 ROPS QR, JD 4230 ROPS QR, JD 4230 Fender QR, JD 4030 CA Syncro, JD 5020 w/Duals, JD 4520 w/Cab, Good Condition, JD 4320 CA, Real Nice, JD 4320 w/Cab, Real Nice, JD 4320 w/Cab, JD 4320, Nice, JD 4020 Side Console Power Shift, JD 4020 SC PS, JD 4020 Side Console ROPS, JD 4020 Side Console, Syncro, JD 4020 Side Console, JD 4020 S C, WFE, 2 Hydraulics, Diff Lock, 1968 JD 4020, JD 4020 Diff Lock, 2 Hydraulics, JD 4020 Power Shift, JD 4020 WFE, JD 4020 Power Shift, JD 4000 WFE, JD 4000 w/Cab, 1972 JD 3020 SC w/148 Loader, JD 3020 (As Is), JD 2520 Gas, JD 3020 Side Console, JD 4010 Tricycle Dsl, Nice, JD 3010 D WFE, JD 3010D WFE, As Is, JD 3010 Utility Gas, Nice, JD 730 Dsl JD 630, nice, JD 630 w/3 Pt, JD 530 w/3 Pt, JD 720 Tricycle Dsl, JD 620 w/3pt, Nice, JD 620 w/3 Pt, JD 620 w/3 Pt, JD 520 WF, JD M Restored
IH 6588 2+2, IH 5488 CA MFWD, IH 5488 CA w/Duals, IH 5288 CA w/Duals, IH 5288 C A, 1985 IH 5088 CA, IH 5088 CA, IH 5088 C A, IH 3788 2+2, IH 3788 2+2, IH 3588 2+2, IH 3588 2+2, IH 3388 2+2, IH 3588 2+2 (needs motor work), IH 3388 2+2, IH 3688 CA, IH 3688 CA, IH 3688 CA, IH 3688 ROPS, IH 3288 CA, IH 3288 ROPS, IH 3088 Fender; IH 3088, IH 1586 CA Duals, IH 1586 ROPS w/Duals, IH 1586 CA, As Is, IH 1486 C A, IH 1486 C A, 1486 C A (As Is), IH 1086 CA, Real Nice, IH 1086 CA, 3 Hyd, Local Trade, Real Nice, IH 1086 C A. Diff Lock, IH 1086 CA, DL w/Duals, IH 1086 C A., IH 1086 C A Full Equip, IH 1086 C A 8 Spd, IH 1086 CA (Needs TA), IH 1086 CA, As Is, IH 1086 ROPS, 986 CA, Real Nice, IH 986 CA, Real Nice, IH 986 CA, nice, IH 986 CA, IH 986 w/Cab, H 886 CA, Real Nice, IH 686, IH 4166 4WD w/3pt PTO, 1976 1566 CA w/Duals, Real Nice, IH 1566 CA, IH 1566 CA w/Duals, Real Nice, IH 1566 CA, 1566 w/Cab, IH 1466 Black Stripe w/Cab, IH 1466 CA w/Duals, nice IH 1466 CA, real nice, IH 1466 CA, IH 1066 CA, Real Nice, IH 1066 CA, Nice, IH 1066 CA, Original, Excellent, IH 1066 Cab, Original, Real Nice, IH 1066 CA Nice, IH 1066 CA, Nice, IH 1066 w/Cab, Nice, IH 1066 CA w/Duals, IH 1066 Hydro w/Cab, IH 100 Hydro w/Cab & Loader, IH Hydro 100 w/Cab as is, IH 70 Hydro, IH 766 Black Stripe w/Cab, IH 666D WFE, IH 784 MFWD, IH 70 Hydro, IH 684 MFWD, IH 584 w/2250 Loader, IH 1456 w/Cab, F826 (As Is), F706D Tricycle, IH 504 Tricycle Gas, Super MTA w/PS, Nice, IH MTA w/PS, Farmall Super M,Farmall Super M WF, PS, Farmall M Dsl, Farmall C, IH Super AV w/Cultivator, Super A w/Cultivator
**AGCO** 1993 Agco 8610 CA MFWD w/Loader; AC 8070 C.A.PS, MFWD, AC 8070 CA (Needs Motor Work) AC 8050 CAPS, AC 8030 CA MFWD AC 6080 MFWD, AC 6060 ROPS w/Loader; AC 7850 Cab, 4WD w/Duals, AC 7580 Cab, 4WD w/Duals, Real Nice, AC 7040 C A, AC 7020 CAPS, AC 7020 C A PS, AC 7000 w/Cab, As Is AC 180 w/Cab
Deutz Allis 9190 CA, MFWD w/Duals, Deutz Allis 6275 CA, MFWD w/Loader
Deutz Fahr DX 830 C.A PS, MFWD, Deutz DX 160 CA MFWD, Deutz DX160 CA, Deutz DX 140 CA MFWD, Deutz DX 140 CA, Nice,
**CASE IH**
**WHY BUY A NEW MAGNUM? WE HAVE 8 USED MAGNUMS.**
Case IH 7250 MFWD w/Duals & Warranty
Case IH 7210 CA MFWD, 1800 hrs
1988 Case IH 7140 MFWD w/Duals
Case IH 9150 4WD
Case IH 9150, Fire Damaged
1991 Case IH 7120 CA, MFWD,
1989 Case IH 7120 CA, MFWD
1993 Case IH 7110 CA MFWD 18x46 Loaded
1989 Case IH 7110 CA, MFWD w/Duals,
Case IH 7110 CA, MFWD, w/Duals,
1988 Case IH 7110 CA 2WD,
Case IH 5240 2WD, ROPS,
Case IH 5230 CAPS, 2WD, 550 Hrs, (3) Case IH 5230 CAPS, 2WD,
Case IH 5130 CAPS, MFWD w/510 Loader & Grapple, Case IH 5130 CAPS, MFWD w/510 Loader, Case IH 5130 CA MFWD, Case IH 5130 ROPS, MFWD w/510 loader, Case IH 4210 MFWD w/Loader, 108 Hrs, 1987 Case IH 3594 CA, MFWD, Case IH 2094 CA, MFWD, Case IH 2096 CA, MFWD, Case IH 1896 CAPS MFWD, Real Nice, Case IH 685 MFWD, Case IH 685 w/2250 Loader, Case IH 485 w/Shuttle & Front Mounted Forklift, Case 4494 MFWD w/Duals, Case 3294 CA MFWD, Real Nice, Case 3294 CAPS, MFWD, w/Duals, Nice, Case IH 2594 ROPS w/Duals, Case 1896 C A PS, MFWD w/96 Loader, Case 2294 CAPS, Case 2294 CAPS, nice, Case 2294 C A PS, MFWD, Case 2294, C A PS, Case 2294 CAPS, Case 2590 CAPS, Local Trade, Case 2590 C A PS, 20 8x42, Case 2390 C A PS, Duals, Case 2290 CAPS, Real Good, Case 2290 C A PS, Case 1490 CA, As Is, Case 2670 4WD (Needs Motor Work) Case 930 Standard Dsl w/Cab, As Is, Steiger ST250 Cougar III w/Duals, Steiger Bearcat 2 w/Duals & 3 Pt
**MASSEY:** 1986 MF 699 ROPS MFWD MF 3505 CA, MFWD, MF 2705, C A 8 Sp, MF 2705, C A PS, MF 2675 C A, MF 1800 4WD w/3 Pt, MF 1105 w/Cab, MF 283 w/MF 236 Loader, MF 285 CA, Nice, MF 285 w/246 Loader, MF 285, real nice, MF 285 w/Cab, MF 285, MF 275 w/236 Loader, 275, MF 265D, MF 255, Real Nice, MF 135 gas w/PS, MF 135 Gas, MF 50, As Is, Ferguson 35D w/Loader
**Ford** Versatile 9030 Bi-Directional


**(NEW) NEW IDEA CORN PICKERS**



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*Financing Available*


w/Loader, Ford 7740 SL CA MFWD w/Loader, Ford 7740 CA, 1989 Ford TW35 Series II CA, MFWD, Ford TW35 Series II, CA, MFWD, Ford TW30 CA, Ford TW25 Series II CA MFWD, Ford TW15 Sa SOLD CA, MFWD, Ford TW 15 CA, Ford TW5 CA, MFWD, Ford 8210 Series II CA MFWD, Ford 7710 Series II, CA, MFWD, 1600 Hrs, Real Nice, Ford 4610, Ford 7700 CA, Ford 7600 w/Cab, Ford 7600 w/Cab, Ford 7600 CA, Ford 7600 w/Cab, Ford 7600 w/Loader, Ford 5000, As Is, Ford 4000D, Ford 2000 w/Loader, Ford 860, Ford 860, Ford Jubilee, Real Nice, Ford 8N, Ford 8N,
Versatile 150 w/loader, as is,
Versatile 500 w/Duals, Good Cond
Versatile 500 4WD, Full Equip,
**White** American SOLD Loader, White 4-150 CA 4WD, White 4-150, White 4-150, White 2-155 CA, Real Nice, White 2-135 CA Nice, White 2-135 Series III CA, 2-135 C.A, White 2-105 Fender, Nice, White 2 85 C A, White 2-70, Nice, Oliver 1655 WFE; Oliver 1655 D WFE
**TRACTORS & EQUIP. JUST TRADED:**
1972 JD 4020 Power Shift, AC 8030 CAPS MFWD, FNH TR96 4WD, Ferguson 30, IH 784 w/2250 Loader; NI 324 w/8 Roll Bed, IH 1150 Grinder Mixer; IH 886 CA, JD 58 Loader, NH 275 w/Thrower, JD 4020 Side Console, WF, Case IH 255 w/PS, Real Nice, Brillion 6', 3 Pt Seeder, Hardi 3 Pt Sprayer, Kubota 2550 MFWD w/Loader, Farmall H w/Loader, Oliver 1655 Showroom Condition, JD 5300 ROPS 2WD, 400 Hrs, JD 3300 Gas, Real Nice, JD 4400 Gas, Gleaner F2 Turbo, Nice, IH 915, AC XT190 Series III w/Loader, Case 24C Payloader, Brillion 25' Cultimulcher, NH 256 Rake, IH 1460, Real Nice, NH 36 Flail Chopper, IH 666 Gas, Krause 1900 22' Rock Flex Disc, Case 1845 Dsl, IH 490 20' Fold Disc, JD 2840, AC 7050 CA Brillion 24' Packer, MH 20, JD 4560 CAQR, JD 4020, Gleaner M2 Hydro Case 580C w/Cab TLB, MF 550 Gray Cab w/13' Grain, 1991 JD 9600, JD 787 30' Air Drill, Komatsu D20A w/6-Way Blade, NI 323 Picker, JD 4420, MF 550 Cab Hydro, Krause 2700 18 Tandem Plowing Disc, Gleaner N6, JD 925 Flex, MF 1105 CA, IH Cub w/Equip, NH 323 1R, Nice, JD 6600 Hydro, JD 450B w/6-Way Blade, NH 1890 w/3R Corn, NH 474 Haybine, IH 4R Rolling Cultivator, IH 720 5X, JD 675 Skid Loader, Ford 8N, Westco 8R Fold Cultivator, GT Grain Dryer, Clark C500 Forklift, (2) Case IH 496 21' Discs, JD 843 Oil Bath CH, Real Nice,
**CORNPICKERS:** NI 325 w/12 roll Bed, (4) NI 325 w/12 Roll Husking Bed, Real Nice, NI 325 w/12-Roll Bed, late Model Real Nice, (4) (Used) 325-2RN w/12 Roll Husker, NI 324 w/12-Roll Bed, Like New, NI 324 w/12-Roll Bed, Excellent, (2) NI 324 Corn Pickers w/12-Roll Beds, Real Nice, (4) Used 324-2RW w/12 Roll Huskers, Shellers & Super Shellers, NI 323, Low Acres, NI 323, Nice, NI 323 IR, Nice, NI 323, NI 323 Picker, NI 330 3R Picker w/12-Roll Bed, NI 318 Grinder Attachment New N I 329 Super Sheller (List $6700, Special $3,550, N I 330 - 3RN w/Supershellers
JD 300 w/243 Corn Head
**PICKER:** JD 300 w/343 CH, JD 300 w/244 CH, NI 319 2-Row Mounted Picker w/12" Roll Bed NI 838 Husking Bed,
NI 800C Uni 4WD w/Byron Sweet Corn Harvester
NI 708 Uni 4WD w/737 Bed & 4R Corn, Nice
**FORAGE EQUIP:** Forage Harvesters w/Choice of Heads
JD 5830 4WD w/Kernel Proc w/7 PU, JD 5820 CA 4WD w/4R & 7 Pickup, JD 5720 4WD w/2 heads, JD 5460 C A, Hydro 4WD w/4R CH & 7 Pickup, JD 5460 4WD, JD 5440 CA 4WD, JD 5400 2WD w/4R Converging Head & 12' Direct Cut Head, 1992 JD 3970, JD 3970 w/Iron Guard & Spout Track, JD 3970 w/ Iron Guard & Spout Track w/2R Corn & 7' Hay PU, JD 3970 w/7' Pickup & 3R CH, JD 3970, JD 3950 w/IronGuard w/2 Heads, JD 3950 w/Spout Track, JD 3950 w/7 Pickup, JD 3950 w/Hay PU, JD 3960 w/3R & Hay PU, JD 3960 w/2 Heads, Full Equip, JD 3940, JD 3960 w/3R Cornhead, JD 3800 w/Hay Pickup, JD 3960, As Is, JD 35, Nice, JD 35 w/1R
FNH 1915 4WD w/4R & Hay PU, NH 1895 4WD w/2 Heads, NH 1890 4WD w/3 Row Auger Base & Hay PU, NH 1600 w/Hay PU, FNH 900, NH 900 Chopper, NH 900 As Is, NH 892 w/890 Pickup, NH 892 w/2 Heads, NH 890, Nice, NH 890, Nice, FNH 790 w/790 W Hay Pickup, FNH 790 NH 782 w/824 CH & 790W Hay PU, NH 782 w/Metal Alert, NH 782 w/822 Corn, NH 782 w/PU, NH 718 w/722 1R Corn Head, NH 707 3 pt w/1R Corn Head, Case IH 8710 w/2R & Hay Pickup, IH 881 w/2R & 7' Hay PU, IH 881 Chopper w/2R & Pickup, IH 781, IH 830 w/2R & 7 Pickup, IH 720 w/2R and Pickup, IH 720 w/2R, IH 720 w/2R & hay Pickup, IH 830 Chopper w/2R & Hay Pickup, IH 830 w/2 Heads,
NI 709 4WD w/767 Chopper, 768 3R C H, 766 Hay PU, As Is
Fox 6354 Cab, 4WD w/3R & Hay PU
Field Queen 7600 w/3R
Gehl 1260 Tandem w/3R & Hay PU
Gehl 1260 Tandem, Metal Stop w/Hay PU
Gehl 1260 Tandem Axle, Auto Max w/2R & Hay PU
Gehl 1260 Tandem w/Hay PU
Gehl 1060 TA W/TR3038 Corn
Gehl 760 w/2 Heads,
Gehl 1250 w/3R & Hay Pickup
Gehl CB 1200 Chopper; Gehl 1000, Gehl 760 Chopper w/2 Heads,
Gehl 760 w/2R
Gehl 750 w/2R C H, Gehl 750
**FORAGE HEADS:** NH 360 4R, Corn Head, NH 14' Hay Head for Versatile Bi-directional, NH 939 6R Auger Base silage Head, NH 890A Auger Base w/890 N3 Corn Head, NH 890 Auger Base w/3R CH, NH 3RW Auger Base Head, NH 824 Corn Head, NH 822, NH 880 N2 Corn Head, NH 890 EN2 Snapper Head, NH 890 EN2 Snapper Head, NH 770 N2, NH 717-S Direct Cut For 770 & S717, 890 EN-2RN Snapper, 770-1R Snapper, NH 890 w/2 or 3R C H, NH 890 2R Snapper Head, 1R & 2R Silage, NH 900W Hay Pickup, FNH 798W Hay PU, NH 880W PU, JD 6R Conv Corn Head, (2) JD 4R Conv Corn Heads, JD 12' Direct Cut Head, JD 6' Direct Cut Head, JD 6 RN Stalker Head, JD 4 RW Stalker Head, JD 4RN Stalker Head, JD 443 Oil Bath w/Adapter Plate, JD 343 CH w/Adapter Plate JD 243 w/Adapter Plate, JD 2 & 3R Snapper JD 3RW Silage Head, Used 51/2 and 7' Hay Pickups, JD 443 w/Adapter Plate, JD 443 Low Profile Corn Head w/Adapter Plate For Harvester, JD 244 w/Plate, JD 243 C H w/Adapter Plate, JD 1R Snapper;
NI 768 3R C H,
IH 2R Snapper Head Like New
**BLOWERS** Case IH 600, Case IH 600, IH 56, Gehl 1540, Gehl 1540 Tube-O-Lator Bale Bagger
**FLAIL CHOPPERS:** NH 38, Fox Brady 6R Stalk Shredder, IH 60 Stalk Shredder, MC 6R Stalk Shredder, JD 27 SOLD Shredder, JD 27 Stalk Shredder, MC 20' Stalk Chopper w/End Transport
**SILAGE WAGONS:** FNH 816 Tandem Axle w/Roof, (2) FNH 716 Tandem 3-Beater w/Roof, FNH 716 Single Axle w/Roof, Badger 950 TA w/Roof, Gehl 940 TA w/Roof, Fargo 4000 Side Dump, Nice, Richardton 1200 Side Dump Wagon Dual 5100 Side Dump Wagon, Balzer 1014 Dump Station
**HAY EQ: BALERS:** NH 2000 Big Baler, JD 348 w/1/4 Chute, JD 348 Wire w/1/4 Turn Chute, JD 338 with 1/4 Turn Chute, JD 328 w/40 Thrower, Nice, JD 347 w/Thrower, JD 347 w/Thrower, JD 347 w/Thrower (As Is), JD 337 w/40 Thrower, JD 337 w/Thrower, JD 327 Baler w/Thrower, JD 346 Wire w/30 Ejector, JD 336 w/30 T JD 336 w/30 T, FNH 575 w/72 Thrower, FNH 575 w/1/4 Turn Chute, FNH 565 w/72 Thrower, NH 316 w/70 Thrower, Nice, NH 316 w/#70 Thrower, Nice, NH 425 Wire Tie Baler, NH 326, As Is, NH 316 w/#75 Thrower, NH 315 w/70 Thrower, Nice, NH 315 w/58T, NH 311 w/70 Thrower, NH 320 w/70T, NH 320 w/1/4 Turn Chute, NI 571 Case IH 8530 w/Thrower, Case IH 8530 w/Thrower, Hesston 4590 in-line w/chute, like new, Hesston 4600 in-line w/thrower Hesston 4600 In-line, Hesston 4800 Big Baler
**ROUND BALERS** FNH 640 Silage Special Auto Wrap, JD 456 Silage Special w/Net Wrap, JD 375, JD 335, JD 330, JD 430, JD 435 w/Net Wrap, Fire Damaged, JD 510, JD 510, JD 510, JD 530, NH 858, NH 855, NH 855, NH 853, NH 853, NH 852 Auto Wrap, NH 852 NH 851, NH 851, NH 850, NH 849, NH 849, NH 848 w/Memory Wrap NH 848, NH 847, Nice, NH 847 w/Auto Wrap, Gehl 1865 Real Nice, Gehl 1600, Gehl 1400 Deutz Allis GP 2 80, Case IH 3650, Case IH 8440, Case IH 8420 Case IH 8420, NI 486, NI 484, NI 484, Real Nice, NI 484, Hesston 5580, Hesston 5545, Hesston 560, MF 656, Vermeer 706C, IH 2400, IH 2400, IH 241, IH 241
Tanco 200 SL Round Bale Wrapper, Kverneland Round Bale Wrapper, Acme Bale Wrapper
**RAKES:** NH 258 w/Dolly Wheel, NH 258 w/Dolly Wheel, New Case IH 860 Hyd Drive w/Dolly Wheel, Case IH 96, Hyd Drive, Case IH 96 Hyd w/Dolly Wheel, Case IH 96 w/Dolly Wheel, IH 14, JD 670, (2) JD 660 w/Dolly Wheel, JD 660 w/Dolly Wheel, Deutz Allis 200 2-Star Rake, FNH 163 4-Star Tedder, Deutz Fahr KH252 4-Star Tedder, Fahr KH 500 Tedder, Kuhn 452 4-Star Tedder, Fahr KH700 6-Star Tedder, Deutz Fahr KH 2 76 6-Star Tedder, NH 144 Hay Inverter, NH 144 Inverter
**HAYBINES:** Hesston 8200 CA w/NH 1496 Hay Head, NH 1495D CA Hydro Yellow Back, NH 1495D CA, NH 1495 CA Hydro, NH 1495 Gas w/Cab, 1994 NH 415 Discbine, 1992 FNH 415 Discbine, FNH 489, Nice, FNH 499, NH 499, FNH 499 FNH 492, FNH 489, NH 489 NH 477, 474, NH 472, JD 1600 12 Hydro Swing, Real Nice, JD 1600 12' Hydra Swing, JD 1470 Discbine, Nice, JD 1219, Nice, JD 1219, JD 1219, JD 1217 7', JD Haybine Windrow Inverter, IH 1490 12 Hydra Swing, Case IH 8350 12', Gehl 2350 Discbine, Gehl 2170, Vicon KM321 Discbine, Vermeer 275 Discbine, NI 279 Cutditioner, NH 14' Haybine Head For Versatile Bi-Directional
**BALE WAGONS:** NH 1005, NH 1010, NH 1010, NH 1034, NH 1037, NH 1038, NH 1044, NH 1044
**PLANTERS:** JD 7200 12R Dry Fert., Fully Equipped, JD 7000 12 R Front Fold w/No-Till, Nice, JD 7000 6R Cons Dry Fert, JD 7000 6R Cons Dry w/No-Till, JD 7000 6R Dry w/No-Till, JD 7000 6R Liquid w/No-Till, JD 7000 6R Liquid w/no-till, JD 7000, 6RW Plate Planter, JD 7000 4R Cons, Dry Fert, JD 7000 4R Conservation Liquid, JD 7000 4R Cons Liquid, JD 7000 4R Cons, JD 7000 4R, JD 7000 4RW Dry, JD 7000 4RW Liq w/No-Till, JD 1240 4R, IH 800 6R Dry, Nice, IH 800 6R, IH 800 6R Dry w/No-Till, IH 800 4R, IH 400 4R w/No-Till, IH 56 4R, Deutz Allis 385 4R No-Till, Hinker 4R Econotill, No-Till, w/Kinze Units, McCormick 2R
**DRILLS:** Case IH 8600 30' Air drill, Like New, JD 450 26x6 w/GS & PW, JD 450 Drill 24x6 w/Press Wheels, JD 8300, 24x6, JD 8300 21x7 w/Grass Seed, JD 8300 21x7 DD, JD 8300 18x7 w/Grass Seed, JD 8350 18x7 w/Fert & Grass Seed, JD 8300 18x7 w/Grass Seed, JD 8300 Drill w/Tandem Hitch, JD 8350 18x7, JD 1550 3 Pt Power Drill, JD 1500 Power Drill Tye 24x6 Drill, (2) Case IH 5300 20x6 w/Tandem Hitch IH 5100 21x7 w/Press Wheels Nice, IH 5100 21x7, IH 5100 18x7 DD w/Grass Seed, Moore 9' Uni Drill, Brillion 12' Seeder w/Hyd Transport Brillion 10' Transport Seeder, Brillion 12' Seeder, Hyd Transport Real Nice
**GRINDERS/MIXERS:** NH 358 NH 355 w/Scales NH 355, Real Nice NH 355, NH 357, NH 354 NH 352 JD 750, JD 750, JD 700 w/Scales, JD 700, Case IH 1250 Hyd Drive w/Scales IH 1250 IH 1250 IH 1150, JD 840 Round Bale Processor Hesston BP25 Round Bale Processor, UFT Round Bale Processor Farmhand X630 Tub Grinder Farmhand XG30 Tub Grinder NH 396 Tub Grinder
**TILLAGE EQ.:** JD 2X Roll-Over, JD 3X, White 508 3X Semi Reset JD 1450 4X 18", JD 8350 4X Rollover JD 845 4X Roll-Over JD 945 5X Semi-Mounted Rollover IH 700 4X Reset, IH 710 4X Reset White 508 5X, JD 2700 5X Toggle Trip, IH 720 5X 18", IH 720 5X 18" On-Land, JD 2800 5X On Land JD 2800 6X Toggle Trip Like New White 549 5X Spring Reset, White 549 6X IH 700 6X Spring Reset IH 710 6X 18" Spring Reset, IH 720 5x-6x, IH 720 6x18 Plow IH 720 6X Reset Plow JD 2800 6X On-Land JD 2700 6X On-Land, JD 2800 6X, On-Land JD 2800 6X On-Land, (2) JD 2800S, 7X, JD 2800 7X On Land, JD 2800 7X On-Land, JD 2800 8X Plow, JD 3600 8X Trailer on Land, White 598 5-8-10X on-land, IH 800 10X
**CHISEL PLOWS:** AC 12-Tooth IH 55 9-Tooth, IH 8',
**DISCS:** Wilbeck 12' Offset NH 200 13' Offset, MF 14' Offset, Miller Series V 14' Rock Flex Like New Case 15' Heavy Disc, JD 215 12' JD 620 12' As Is, JD 110, 12', JD 210 13', JD 310 14', Miller Series V 12 Flex, White 15 Offset Miller 16'9" Hyd Fold Offset, AC 2500 18' Center Fold Rock Flex Case IH 496 18' Rock Flex Disc, Nice JD 235 19' Center Fold Dura-Cushion, JD 330 20' Hyd Fold, Dunham Lehr 34-20' Rock Flex, Rhino 22' Rock Flex, JD 335 32', Krause 30' Rock Flex
**MULCH TILLERS** Brillion 7-tooth Soil Saver, Brillion 7 Shank Soil Saver, IH 6000 13-Tooth Soil Saver, Glenco 18' Fold Soil Saver, Glenco SS18 Fold Soil Saver
**CULTIMULCHERS:** Brillion 30' Flat Fold, Case IH 415 12 Brillion 12' Nice, Brillion 15, Brillion 15, Brillion 14
**CULTIVATORS:** JD 4R Front, 4R S-Tine, Bush Hog 4R S-Tine, New Case IH 1820 4R, Brillion 4R w/Fert, Lilliston 6R Rolling, Lilliston 5R Rolling Cultivator; Case IH 183 6R S-tine, Noble 6R S-Tine, McKee 6R S-tine, Westgo 6R S-Tine, IH 183 6RW Folding, IH 65 6 & 8R Front Mounted, Oliver 6R Front Mount 14R S-tine, IH 45 18' Field Cultivator, JD 1010 28 Hydraulic Fold Field Cultivator, Brillion 23 Hyd Fold Field Cultivator, IH 30' Field Cultivator
**MISC.:** Brillion 28' X-Fold Packer, Brillion 24' X-Fold Packer Brillion 25' Packer; Brillion 14' Rear Transport Packer; Brillion 12' Transport Packer Brillion 12' Packer, Nice, Brillion 12' Packer; New Brillion P10-10' Hyd Transport Packer; M&W Model 960 8 Soil Master Disc Ripper Glencoe 8400 8' Disc Chisel Ripper, Like New JD 400 20' Rotary Hoe, Real Nice, JD 400 20 Rotary Hoe, JD 400 15' Rotary Hoe, JD 400 15 Rotary Hoe, Tebben 7-Shank Subsoiler; Tebben 7-Shank Subsoiler; 7-Shank V-Ripper IH #10 5-Shank V-Ripper; JD 900 5-Shank V-Ripper; Howard 130" Rotovator
**INDUSTRIAL:** 1991 Case 580K Loader Backhoe Real Nice JD 310C Cab, 

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Ford 8630, 4WD, Cab & Air, Power Shift
Ford 8210, 4WD, Cab & Air
Ford 8210, 4WD, Cab & Air
Ford 7910, 2WD, Cab, DP, 96 HP
Ford 7710 w/Cab
Ford 6600, DP, Dual Remotes
Ford 5640SL Cab & Air
Ford 5600
Ford 5600, New Paint, New Tires
Ford 3910, 2WD, Cab, Low Hrs
Ford 2600
(2) Ford 2600 w/Power Steering
Ford 2000
Ford 555 TLB 4WD Will Rent
JD 3650, 4WD w/Cab & Air, 114 HP
JD 2550 w/Cab & Air
JD 2255, Narrow, Cab & Air
Case 1390 w/Ldr
(4) MF 175
MF 135 w/Power Steering

### COMPACT TRACTORS

Ford 1710, 4WD w/Ldr
Kubota B2150, 4WD, Hydro w/60 Deck
NH 1630, Mower & Ldr, 150 Hrs

### SKID STEER

NH L553
NH LX665 w/New Tires, 600 Hrs
NH LX865
(2) NH LX885
Gehl SL5620

### USED EQUIPMENT

NH 853 Round Baler
NH 849 Round Baler
JD 435 Round Baler
NH 1411 Discbine
NH 411 Discbine
NH 2450 SP Haybine, 14 Head w/766 Hrs
NH 1495 SP Haybine
(2) NH 499 Haybine
NH 469 Haybine
JD 1219 Haybine w/Stub Guards
NH 962W4 Corn Head
IH Crop Chopper
NH 892 Chopper
NH Super 717 Chopper
JD 672 Rake
Case IH 96 Rake
JD Hydro Push Manure Spreader

**1984 Int. 9 Liter Engine, Diesel, 5-2 Trans., 18'6" Silage Bed, Hyd. Tailgate, Grain Door, New Paint ..... $13,200**

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Farm Plan

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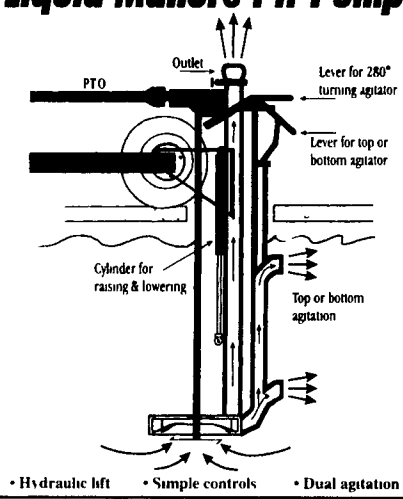
- **IH 986, Cab & Air, 475 Hrs, 1 of a Kind ..... $25,900**
- **IH 986, Cab & Air, 4,700 hrs., Nice $13,900**
- **IH 1086, 1980 Model ..... $14,900**
- **IH 826 Cab, Nice! ..... $7,900**

### USED EQUIPMENT

- **Gehl 1540 Silage Blower ..... $1,450**
- **New Idea 206 Manure Spreader ..... $1,500**
- **Gehl 860 Harvester, nice ..... $3,700**
- **Gehl HA1110 grass head, like new. $2,220**
- **Gehl TR30-38 2R corn head ..... $1,400**
- **NH 565 Baler (like new) ..... $7,800**

## Liquid Manure Pit Pumps

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### USED BACKHOES

1973 Case 580 B Cab ..... $8,500
1980 John Deere 401 C ROPS ..... $11,000
1979 John Deere 310 A Cab ..... $16,000
1982 Case 580 D Cab ..... $17,000
1983 Case 580 E ROPS ..... $18,500
1987 Case 580 K Cab 4x4 Ext ..... $29,500
1995 Case 580 SL Cab 4x4 Ext ..... $52,500
1996 Case 580 SL Cab w/Air 4x4 Ext ..... $54,500
1996 John Deere 310 D Case w/Air 4x4 Ext. ..... $54,500

### USED CRAWLERS

1986 Case 450 C w/Winch ..... $25,000
1991 Case 550 Dozer ..... $35,000
1991 Case 850 D Dozer ..... $47,000
1986 Case 855 D Loader ..... $32,000
1985 Case 855 D Loader w/Cab ..... $36,000
1987 Case 1155 E Loader ..... $36,000

### USED TRACTORS

1969 John Deere 4520 Powershift ..... $10,000
1964 John Deere 3020 Powershift Gas ..... $6,500
1998 Case IH MX 135 MFD ROPS ..... $54,500
1998 Case IH C90 MFD ROPS ..... $31,500
1997 Kubota L3600 MFD Glideshift ..... $17,500
1986 Kubota L2250 MFD ..... $9,000
1992 Kubota L2950 MFD Glideshift ..... $10,500

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### QUALITY TRACTORS

**(Displayed Inside Heated Building)**

1997 JD 7810 Cab, Air, MFD, Power Shift, Triple Remotes, 360 Hrs., Like New
1997 JD 7410 Cab, Air, MFD,Power Quad w/Right Hand Reverse, Triple Remotes, 580 Hrs., Like New
1996 JD 6400 Cab, Air, MFD, Power Quad, 1700 Hrs., Excel. Cond.
JD 4650 Cab, Air, Power Shift, MFD, 20x42 Duals, 3000 1-Owner Hrs., Excel. Cond.
1988 JD 4050 Cab, Air, MFD Power Shift, 3700 1-Owner Hrs., Excel. Cond.
JD 4450 Cab, Air, Power Shift, Triple Hyd., 3300 Hrs., 20x38 Rubber, Very Nice
JD 4050 Cab, Air, Quad, 3400 1-Owner Hrs., Very Nice
JD 4640, Cab, Air, Quad Range, 20x38 Rubber, Triple Hydraulics, Good Condition
1981 JD 4440 Cab, Air, Quad, 2700 Hrs , Excel. Cond
1980 JD 4440 Cab, Air, Quad, Triple Hyd , 5000 Hrs., Very Nice
1977 JD 4430 Cab, Air, Quad, 4600 hrs , Excel. Cond.
JD 4430 Cab, Air, Quad, Good Cond.
1976 JD 4030 Cab, Air, Quad, Good Cond.
JD 2950 Cab, Air, MFD, Hi-Lo, 4100 Hrs., Good Cond
JD 2750 Cab, Air, Hi-Lo, 3100 hrs., Very Nice
JD 2355 Cab, Air, MFD, Hi-Lo, Dual Hydraulics, 3200 Hrs , Excel. Cond
1981 JD 2640 Hi-Lo, Indept PTO, Dual Hyd , 1900 Hrs., Excel Cond
1981 IH 186 Hydro, Cab, Air, 2600 1-Owner Hrs , Excel Cond.
1981 IH 1086, Cab, Air, Triple Hydraulics, 20x38 Rubber, Very Nice
IH 3788 2+2, Cab, Air, 3 Pt., 2700 1-Owner Hrs., Good Cond.
1978 IH 1586 Cab, Air, 20x38 Duals, 4400 Hrs., Good Cond.
1976 IH 1066 Black Stripe, Cap, Air w/35000 1-Owner Hrs , Excel. Cond.

### TILLAGE

JD 724 20' Hyd. Fold Mulch Finisher w/Tine Rake, Excel. Cond.
IH 720 6x18 Spring Reset Onland Hitch
IH 720 5x18 Spring Reset Onland Hitch
IH 710 5x18 Spring Reset Hillside Hitch
IH 720 5x18 Spring Reset Hillside Hitch
Hutchmaster 11' Heavy Weight Offset Disc
White 588 5x18 Spring Reset, Choice of 3
JD 950, 15' Roller Harrow, Excel Cond.
Case IH 496 21' Rock Flex Disc, Very Nice
JD 215 12' Disc, Good Cond.
White 445 7 Shank Consertill, Used On 15 Acres

### LOADER TRACTORS

JD 1070 Diesel w/420 Loader, 250 Hrs., Like New
1996 JD 5300, MFD, w/540 Loader, Excellent Condition
JD 2550 Cab, Air MFD, w/240 Self-Leveling Loader, Good Cond.
JD 2550 Diesel, Open Station w/48 Loader, Very Nice
JD 2350 Roll Guard w/Canopy, MFD, w/240 Self-Leveling Loader, Good Cond.
Case IH 595, MFD, w/Reverser, 1800 Hrs., 2255 QT Loader

### CORN PLANTERS

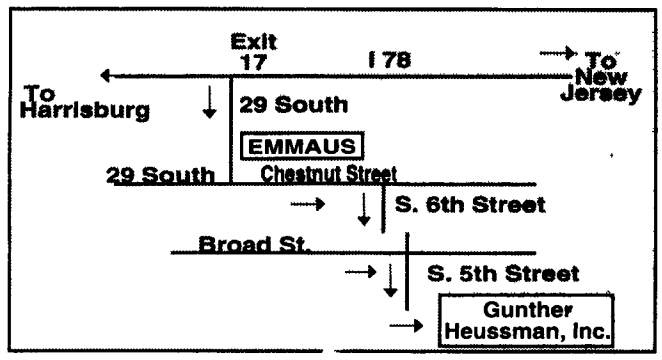
JD 7200 6R Cons, Dry Fert, Insect, Frame Mounted Coulters, 250 Monitor, Ex. Cond
JD 7200 6R Cons, Dry Fert, Insect, Unit Mt. Coulters, 150 Monitor, Ex. Cond.
JD 7200 4R Cons, Dry Fert, Insect, Framed Mounted Coulters, Monitor, Ex. Cond.
JD 7200 4R Dry Fert, Insect, Vacuum, Monitor, Good Cond.
JD 7200 4R Dry Fert., Insecticide, Monitor, Frame Mount Coulters, No Markers, Very Nice
JD 7000 6R Cons, Liq. Fertilizer, Insect, Frame Mounted Coulters, Monitor, Good Cond.
JD 7000 4RN Conservation, Frame Mounted Coulters, Dry Fert. Insecticide, Excel. Cond.
JD 7000 4R Dry Fert., Monitor, SOLD Good Cond.

### HIGH QUALITY CORN AND GRAIN HEADS

JD 244 2 RW
JD 343 3 RN
JD 344 3 RW
JD 443 Oil Bath, 4RN
JD 443 4 RN, Hi tin
JD 444 4 RW, Hi Tin
JD 444 4 RW, Oil Bath
JD 643 6 RN, Hi Tin
JD 643 6 RN, Oil Bath
Case IH 1063 6RN
IH 943 4 RN
AC 438 4 RW, FII Series
JD 243, 2RN
JD 213 Flex Heads
JD 215 Flex Heads
JD 216 Ridgid Head
IH 820 15' Flex Heads
IH 820 13' Flex heads
AC 315 Flex Head FII
AC 13' Flex Head, FII Series
MF 9115 Flex Head
JD 13' Ridgid Head
MF 13' SOLD Head
MF 9113 Flex Head
MF 1859 13' Flex Head

### MISCELLANEOUS EQUIPMENT

NH 355 grinder Mixer w/Scales, Very Nice
Baker 10' Hyd. Angle Heavy Duty Snowplow To Fit JD 4020 thru 4650




IH #50 Stalk Shredder SOLD Cond.
Brady 1440 Stalk Shredder, Good Cond.
Feterl 9' Double Auger SOLD lower, Good Cond.
Crown Hyd. Reel Rock Picker, Excellent Condition
JD 300 Husker w/2 or 3 Row Head
NI 325 2RN, 12 Roll Bed, Late Model
JD 8300 24x6 DD Grain Drill, Good Cond.
Westindorf WL42 Quickattach Loader, To Fit IH 966 Thru 1586, Almost New
JD 8250, 18x7 Grain Drill, Grass Seed & Fert. Excel. Cond.
JD 158 Loader w/Grapple Fork, Like New
Bush Hog Quick Attach Loader To Fit IH 966 thru 1486
Axle Mount 18x38 Duals for JD 4450, 4440, 4430, Case IH 5240, 1066, 1086, 986

### HAY EQUIPMENT

NH 1037 Bale Wagon, 105 Bale Cap., Excellent Condition
JD 7' Pickup Head w/Gauge Wheels
NH 488, 9' Haybine, Very Good
Ford NH 162 4-Star Tedder SOLD Cond.
NH 477, 7' Haybine, Good Cond.
JD 327 Baler w/30 Ejector, Electrical Controls, Excel Cond.
NH 489 Haybine, Good Cond.
JD 336 Baler w/30 Ejector, Good Cond.
JD 3950 Harvester, Elec. Controls, Good Cond.
JD 338 Baler w/40 Ejector, Excellent Condition
JD 3970 Harvester w/2RN Green Corn Head & 7' Haypick Up Good Cond.
NH 848 Round Baler w/Bale Command, Good Cond.
JD 348 w/40 Ejector, Elec. Controls, Excel. Cond.

### QUALITY COMBINES

**(Displayed Inside Building)**

1984 IH 1440 Hydro, 2100 Hrs., 23x26 Tires Good Cond.
1982 IH 1420 Hydro, 1500 Hrs., 23x26 Tires, Excel. Cond.
1981 JD 6620 hydro., 2800 Hrs., 23x26 Tires, Chopper, Very Nice
1982 JD 4420 Cab, Air, 1900 Hrs., Dial-A-Matic, Chopper, 23x26 Rubber, Very Nice
1977 JD 4400 Diesel, Cab, Air, AHA, Chopper, Excellent Condition

### YEAR END SPECIALS

1991 Case I.H. 1660 Combine, 1400 (1 owner) Hrs., Ex. Cond. ..... $42,500
1984 JD 7720 Combine, Fully Equipped, 3200 Hrs., Good Cond. ..... $22,000
1974 JD 4430, Cab, Air, Quad Range, 7000 Hrs. $11,500
IH 820 15' Flex Head ..... $2,500
JD 444 Oil Bath Cornhead, Ex. Cond. ..... $3,500
Gleaner 438 4RW, FII Cornhead ..... $2,000
NI 324 2RW Cornpicker, SOLD ed ..... $1,450
NH 479 Haybine, Good Cond SOLD ..... $1,600
16' Wooden Side Bale Wagon ..... $650

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- JD 35 ... Mower
- Grain Platforms
- Combine Corn Heads
- JD 1240 ... 1250 Pumps
- IH 56
- JD 7000 ... Pumps
- JD 653 Rake
- NI 314 Stacker
- NI 325 Picker
- JD 410 ... Loader

JD 7000 No-till Insect Planter $3,650

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Lely Rotera

Kewanee 11 ft. Rockflex $1,950

**TRACTORS**
Clark 3000 lb LP Forklift $950

**BALER & THROWER**
NH 269 w Thrower $950
JD 336 v. 30 Thrower $3,300
(3) JD #30's & #2 $250 to $750
(4) NH #75 & 56A & 54 $300 to $600
Hesston 4600 Baler $1,750

**HARVESTERS - HEADS & P/U'S**
Fox P/U Head, Very Late Model $1,350
JD 2 RW w Clutch $600
NH #70 Snapper Head $375
(2) Hesston 6' Pickup w Dolly $575
NH 5 ... Head Controls $2,300
(2) NH 82 ... Corn Heads $350 & $550
Hesston Field Queen, TRW $375

**BLOWER & RAKES & TEDDERS**
Gehl 800 Rocutter $1,400
JD 640 w Dolly Wheels $1,700
JD #350 3 pt Rake $400
IH 35 Hyd Dirt Rake $950
Stoll 3 Pt Tedder Rake $1,200

**HAYBINES & MOWERS**
JD 1209 Haybine $2,100
(2) JD #350 3pt Mower $875 & $1,100
JD #50 Side Mtd Mower $475
JD #25A Finish Mower $850
MF 9 Cutterbar $1,650
Woods 660 Pull-Rotary Mower $1,100
Alamo GK-62 Offset Mower $1,750

**PLANTERS/ DRILLS**
IH 620 DD ... Press $2,350
JD 7000 1X NT Liq $3,950
JD 7000 1R ... $3,100
JD 20X7 DD Grain $1,275
(3) Holland 2 Row Setter w Tanks $375 to $575
(2) Deutz Allis 385 4x Planter, Dry Fert $2,950-$3,750
IH 2 Row Fast Hitch Planter $375
IH 510 4x7 DD Grain $1,850
IH 510 Grain & Fert $1,650
IH 800 6R ... Fert $3,400
IH 5100 ... DD & Pto 2,400
IH 5 ... 8 Row ... Fert $1,175
JD 1500 Power Till Seeder $1,200
JD 7000 6X No Till Planter $4,100

**ROW CROP CULTIVATORS**
(3) JD 4 ... 8 Row Fit Mid ... Cultivators
(2) JD 2-Cyl Cultivators
IH 85 FT Mid Cult
IH 7811 Mount
Cultivators & Plow ... for IH Cub
(2) IH 1 & 6 Front Mid Cult
JD 6 RN Front Mid ... FM
JD 4 RH ... 384
(2) Brillion 4 Row, R/C Mounted Till Cult
(2) Hiniker 4 R ... N Till Cult
(3) JD RM 4 x 1 RC ... Cultivators
Anhydrous Ammonia Knife Rig

**USED SKID LOADER & ATTACH.**
RC ... Attachment
RC ... Bucket
... Bucket
... Bucket
Nice Bucket
... w/Grapple ... $3,700
... Grapple ... Bucket $1,175
Dirt Bucket ...

**CULTIVATORS**
... $800
... $1,500
IH ... $475
... $1,300
... $2,400

**GRAIN CARTS & STALK SHREDDERS**
... $2,200
... $1,100
... $850-$1,250

**MECHANICS SPECIALS**
... $850
... $1,650

**TRACTORS**
Ford 3000 ... $1,350
JD 13 ft packer w Axle $975
Oliver 241 10 ft Disc $950
Krause 19,28,25 Rockflex $7,800
IH 500 12 ft Heavy-weight Disc $1,850
... $1,950
... $2,450
JD 210 11 V Good $2,450
Brillion 25 ft X Fold Packer $5,300
... $1,750-$2,450
Kewanee 11 ft Rockflex $1,700
Kewanee 13 Rockflex $2,100

**COMBINES/HEADS/PICKERS**
JD 216 Black Nose, Top & Bottom $1,950
JD 214 $700
JD 3 ... Corn Head $1,900
JD 7700 4 WD Turbo Hydro $13,000
NH 844 3x30 Corn Head $950
NH 3 ... Picker 3 Row $700
Woods Header Cart $975
JD ... Rigid $2,500
IH 830 ... Flex Head $1,250
NH 3 ... 28N Picker, Good $2,450

**PLOWS, CHISELS & V-RIPPERS**
... $3,100
... $700
JD ... 5 Bott ... Clearance $1,150
... $2,200
... $2,275
... $675
... $1,800
JD 3 ... Trailer Plow $550
IH 3 ... Trailer Plow $550
JD 1 ... On Land Plow $1,800
JD ... Spring Reset Plow $2,950
JD ... Spring Reset Plow $2,950
... $3,150
IH ... Pull Type Chisel $1,100
... $475 & $1,275
JD ... On Land Plow $5,900
Oliver ... 3 Bottom SRS $1,850
Ford ... 3 R 30 ... $1,300
... $300-$500
Oliver ... 3 ... SRS $950
... $1,650
MF ... 3 ... SRS $1,800
JD ... $2,500
JD ... 9X Plow $1,900

**MISCELLANEOUS**
Ely 10 ft Rotary ... $2,250
... $825
JD ... Blade $2,450
... $975
... $1,650
... $1,900
... $950
... $2,600
... $375
... $700 & $1,100
... $500
... $475
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... $225
... $650 $950
... $950
... $700

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## USED EQUIPMENT

**TRACTORS**
Ford 2910 (L)
Ford 4000 Gas, "Rough" (C)
Case 1190 (C)

**TRACTOR ATTACHMENTS**
Ford 702C Front Blade to Fit 1720 (L)
Ford 702 Front Blade to fit 1920 (L)
Ford 930A 60" Finish Mower (C)

**SKID LOADERS**
Bobcat 743 (C)
Bobcat 642B (C)

**BALERS**
NH 630 RD Baler (C)
JD 435 Rd Baler (C)

**HAY TOOLS**
NH 256 Rake (C)
NH 489 Haybine (L)
NH 492 Haybine (L)
NH 1495 SP Haybine (C)
NH 495 Haybine (C)

**FORAGE**
JD 716A Forage Box w/ Tandem Axle Wagon (L)
NH 880 Forage Harvester (L)
NH 770 Forage Harvester (L)
NH 40 Blower (C)
IH 56 Blower (C)

**SPREADER**
NH 791 Box Spreader (L)
NH 155 Box Spreader (L)

Cub Cadet Power Equipment
(C) - Honey Grove
(L) - Loysville
NEW HOLLAND



# JOHN DEERE

## TRACTORS
JD 7810, MFWD, power quad, 913 hrs., w/left hand reverser $72,345
JD 4630 cab, power shift $18,500
JD 2630 70hp, w/146 loader, new paint. $13,500
JD 755 MFWD, turf tires/60" deck $11,500
JD 770 MFWD w/60" mower $12,000
JD 770 MFWD w/261 rear mower $10,000

## COMBINES
JD 9600 2WD, 1997, 600 eng hrs, contour master $130,000
JD 9500 2WD, 1992, 2498 eng hrs, 1786 separator hrs $60,000
JD 9500, 2WD, 1990, 3114 engine hrs, 2264 separator hrs, $65,000
JD 7720 Titan II, 1987 $45,000
JD 7720, 2WD, 3800 hrs $18,000
JD 7720, 1981 $22,500
JD 7700 MFWD $11,500
JD 6620 2WD, 1980, Reconditioned $25,000
JD 915 flex head CALL
JD 215 flex head $4,500
JD 218 flex head $4750
JD 918 Flex Head $8,000
JD 222 flex head $3,750
JD 224 flex head $3,750
Jd 643 Lo-Tin, Oil Bath, Corn Head $10,000

## SKID LOADERS
JD 675B diesel, 300 hrs $15,000
JD 675 B diesel, 2,950 hrs $8,500
JD 125 diesel $6,500
NH L553 diesel, new bucket $9,000
NH L555 diesel, 2920 hrs $7,250

## FORAGE EQUIPMENT
JD 125 Forage Wagon $1,800
JD 3RN Corn Chopper Head $4,500

## CORN/SOYBEAN PLANTERS
JD 7200 6R liquid fert $14,500
JD 7000 6RN planter, dry fert, unit coulters, as is. $3,750
JD 7000, 6R frame coulters, dry fert $6,500
JD 7240 11R corn & soybean planter, dry fert $24,500
JD 7000, 5R splitter $6,500
JD 7000 6R Planter, frame mounted Coulters $7,500
JD 7240 11 Row Planter, Liquid Fert $25,000

## GRAIN DRILLS
JD 750 no-till drill, 15' $21,000

## TILLAGE EQUIPMENT
JD 975, 3 bottom switch plow new $4,760
JD 1450 5b, 18" semi-mount plow $1,500
JD 635 disc harrow, 13'7", like new $8,500
JD 235 disc harrow, 19' wingfold $3,750
Brillion 5 shank V-ripper, shear bolt w/gauge wheels $2,780
Brillion roller harrow, 12' $2,500

## HAY EQUIPMENT
JD 330 round baler $7,500
JD 535 round baler w/net wrap $18,500
NH 850 round baler. $2,500
Hesston 1010 hydra swing mower conditioner $3,000
JD 1209 Mo-Co $2,000
JD 1209 Mo-Co $2,750
JD 337 Square Baler w/30 Ejector $4,500
JD 347 Square Baler w/30 Ejector $7,500

## MISCELLANEOUS
JD 100 silage blower $2,700
Grove bale wagon $800
JD 1518 rotary cutter $7,750
JD 1508 rotary cutter $5,750
JD 709 7 ft. heavy duty rotary cutter $2,500
JD LF fertilizer spreader $250
Woods S121 pull type mower 10' $3,500
Oswalt 250 mix wagon $14,000

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Case IH 5230, 4WD, cab, 250 hrs
JD 4430 2WD, ... hp, Power Shift SOLD
Case IH 7130 MFD
Case IH 7140 MFD (2)
JD 2640 w/Orchard cab, Coming In
Case IH 2096, 2WD cab
Farmall M Tractor
Case IH 5240 2WD cab
Case IH 7110, 2WD w/duals

**COMBINES & HEADS**
NH TR86 Combine, 2WD (W)
NH 973 Grain Head, 15' (W)
NH 974 Corn Head, 6R, 30" (W)
IH 863 Corn Head, 6R 30"
JD 6600 cab, diesel
Case IH 1640 combine, w/1020 grain head, 15' 1850 hrs
Case IH 1640 combine, w/1020 grain head 17 1/2, 1300 hrs
(2) Case IH 1640 combine w/1020 grain head 17 1/2
IH 1420 combine w/15' 820 head
IH 815 combine, w/820 grain head 13
Gleaner L combine w/6R 30" corn head 15' grain header
MF 1144 corn head 4R 36"

**HAY & FORAGE**
NH 488 haybine (W)
(2) Gehl 312 Side Delivery Manure Spreaders (W)
NH 276 baler w/quarter turn (W)
NH 425 Wire Baler (W)
Case IH 3650 Round Baler (S)
NH 282 Baler w/thrower (W)
Kuhn Tedder (W)

**LAWN & GARDEN**
Cub Cadet 1860 w/46" mower deck & bagger
Cub Cadet 2160 w/46 deck
Woods 6200 ... deck 0 turn SOLD
Cub Cadet 482, 44" mower deck
Cub Cadet 1320 w/46" mower deck & bagger
JD tiller fits on JD 110, 112 tractor

**IRRIGATION EQUIPMENT**
Bauer Rainboy 50-150
Cummins diesel 200 hp engine w/Hale 60 FM7 pump
Capan D2/50 PTO pump

**MISCELLANEOUS**
Rhino FD9 ... arrow cushion gang hyd fold 18 10 SOLD
Hardy air blast, 3pt, 100 gallon
Case IH 45... cultivator w/Buster Bar 22' SOLD
Cub 1 bot plow for fast hitch
Case IH 568 seed bed conditioner 4R
Brillion 24' crow foot packer
IH 140 4X16 roll over plow
MF 620 disc harrow 20'
IH 800 plate planter 4R 36' w/fertilizer granular insecticide


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Daytime

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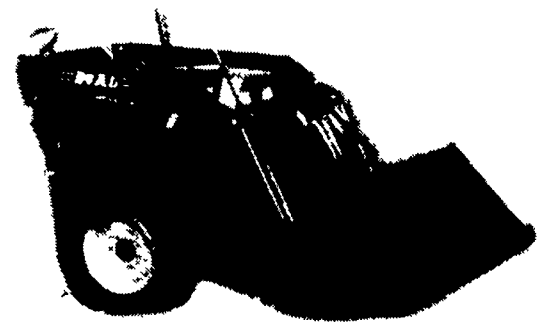

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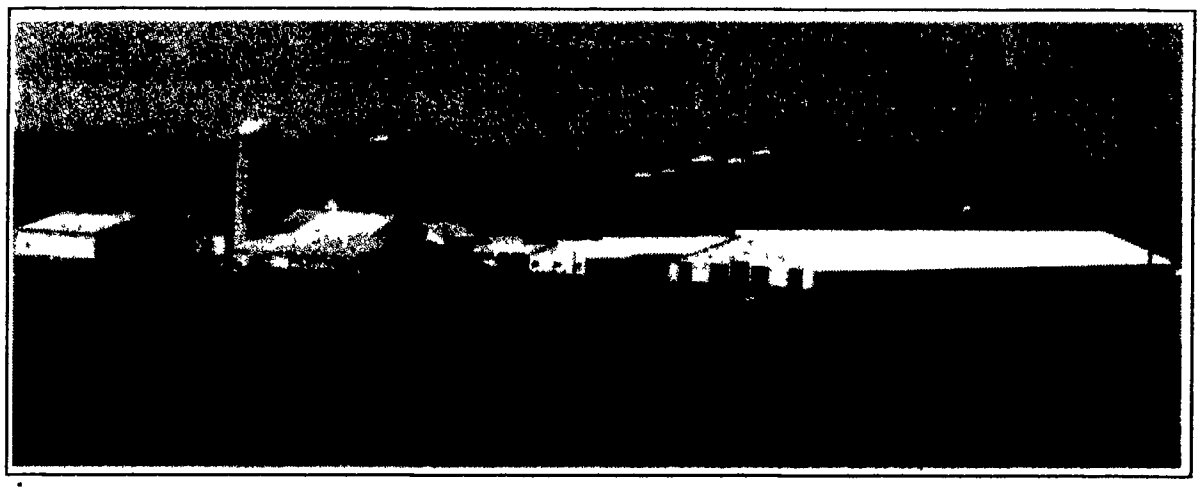

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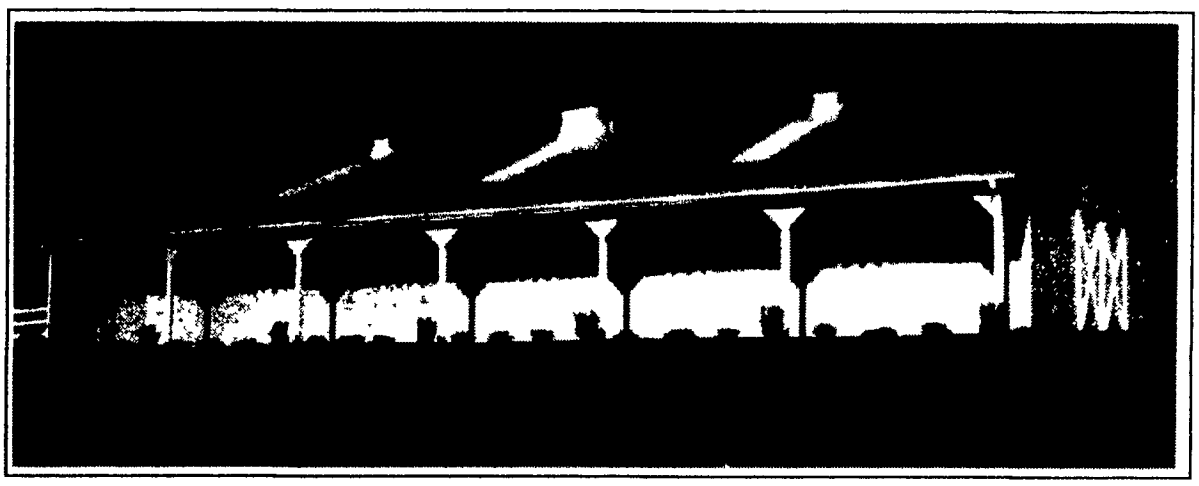
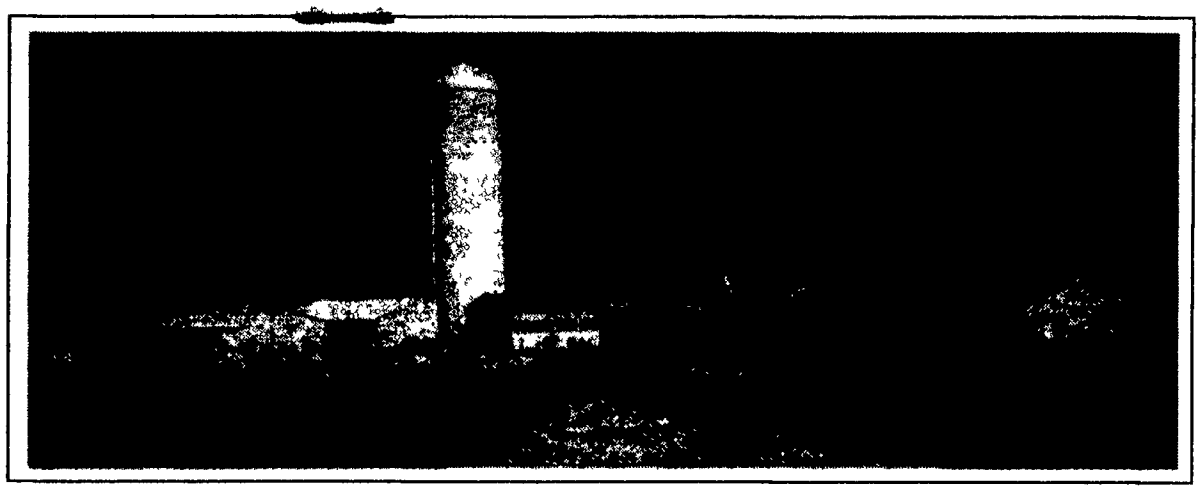
**HORSE STALL BARN**





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# Conference Focuses On Managing Agricultural Workers

UNIVERSITY PARK (Centre Co.) — Hiring, teaching, and retaining top employees is elemental to the success of any business, whether the company is a multinational conglomerate or a family-owned farm.

A conference, "Workforce Management for Farms and Horticultural Businesses: Finding, Training and Keeping Good Employees," will help agriculture-related businesses find ways to create a work environment that motivates employees and helps supervisors become better managers. The conference is Jan. 13-15 at the Radisson Penn Harris Hotel and Convention Center in Camp Hill.

"The conference will help not only managers of agricultural businesses, but also companies not large enough to have a human resources department, consultants, and educators," said Lisa Holden, assistant professor of dairy and animal science in Penn State's College of Agricultural Sciences.

The conference opens Wed., Jan. 13, with registration from 9 a.m. to 1 p.m. At 1 p.m., the presentation "How Much Are Your Employees Worth?" will feature Bernie Erven, professor of agricultural, environmental, and development economics at Ohio State University, and Robert Milligan, J. Thomas Clark Professor of Entrepreneurship and Personal Enterprise at Cornell University.

At 3:30 p.m., Norman Greig, owner of Greig Farms in Red Hook, N.Y., will speak on "Enhancing Your Reputation as an Employer." Penn State's Holden follows that segment with a talk on "Communicating the Mission to All Personnel" at 3:55 p.m.

The day's final presentation, "Managing the Multicultural Workforce," will be given by Walter Montross, golf course superintendent for Westwood Country Club in Vienna, Va.

The entire day's schedule for Thur., Jan. 14, will be devoted to four concurrent workshops on the following topics:

- "Performance Feedback: How Am I Doing Boss?"
- "Recruiting and Hiring Outstanding Staff"
- "Getting the Most From Your Employees"
- "Leadership: Coaching to Develop People."

The workshops will be taught by Don Rogers, vice president, consulting, at First Pioneer Farm Credit in Enfield, Conn.; James Beirelein, Penn State professor of agricultural economics; and Erven and Milligan.

The final day, Jan. 15, starts at 8 a.m. with "Hiring With or Without a Contract," taught by Jennifer LaPorta Baker, an attorney with McNees, Wallace and Nurick in Harrisburg. At 8:20 a.m., "Elements of an Employee Contract" will be taught by John Becker, professor of agricultural economics at Penn State.

At 8:40 a.m., "Guest Workers in Agriculture" will be taught by Al French, coordinator of agricultural labor affairs in the Office of the Chief Economist in the U.S. Department of Agriculture. At 9 a.m., Douglas Schaufler, senior project associate from Penn State's Department of Agricultural and Extension Education, will speak on "Hiring Persons with Disabilities."

Mike Pipa, an attorney for Mette, Evans and Woodside in Harrisburg, will speak on "Discrimination in the Workplace" at 10:10 a.m., followed at 10:30 a.m. by "Farm Employment Rules and Regulations: What you Need to Know," moderated by USDA's French.

At 10:50 a.m., a workshop will be held on "U.S. Environmental Protection Agency Requirements for Training." The final program of the conference will be "Developing a Safety Training Program," taught by Eric Hallman, safety specialist at Cornell University.

Registration fee for the conference is $270. The fee includes one lunch and refreshments, a copy of the conference proceedings, and a workbook. Checks should be made payable to Natural Resource, Agriculture and Engineering Service (NRAES). To pay by credit card, register via the Internet at the NRAES web site, http://nraes.org

To reserve rooms at the special conference rate of $65, call the Radisson Penn Harris Hotel and Convention Center at (717) 763-7117 or (800) 333-3333.

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## EGGSHELL QUALITY, BONE STRENGTH, AND PARTICULATE MATERIAL AS A DIETARY SOURCE OF CALCIUM

**Carol V. Gay**
**Professor of Poultry Science and Cell Biology**

At the onset of egg laying, a unique bone called the medullary bone appears in the marrow cavities of the leg bones of hens to serve as a calcium reservoir for eggshell formation.

When medullary bone forms, it does so quite rapidly (over a period of a few days) and the process pulls calcium from other bones in the body, more so if dietary calcium is in short supply. This scenario results in the early onset of osteoporosis, that is weakened bones, a common problem in laying hens.

One end result is cage layer fatigue, wherein vertebrae collapse, causing spinal cord injury. Other particularly susceptible bones are keel and wing bones.

Dietary calcium supplementation is well established to enhance eggshell quality. Recent evidence clearly shows that supplementation will delay the onset of osteoporosis and reduce its severity.

These benefits are achieved by providing a diet that contains 4 percent calcium carbonate. The physical form of the supplement is important. It should be particulate, approximately 2.5 to 4 mm (1/8 to 1/4 inch) in diameter. Both limestone and oyster shell serve well.

Studies have shown that calcium supplementation as particles, rather than as a power, results in both improved eggshell quality and bone strength over a period of 70 weeks The basis for this benefit is that the particles dissolve slowly in the gastrointestinal tract and thereby release calcium for absorption gradually, much like a time-release medicine.


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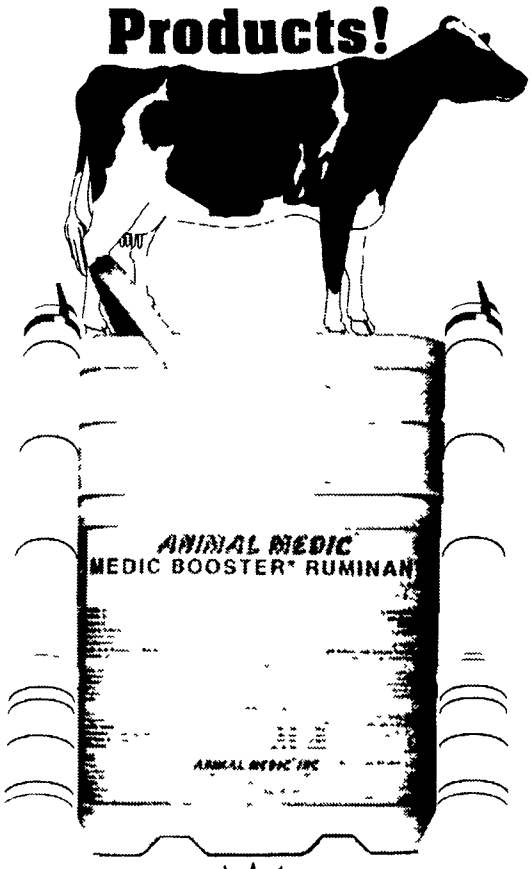


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They Need It When:
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- They're Not Eating Right
- You want Maximize Intake and Output

Recommended Usage Rate is 1/6 oz per head per day at a cost of less than 7 cents (When purchasing 30 lb Pails)!

Item Number 51-085-55 Per 8 lb pail . . $59.95
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Guaranteed Analysis Per Pound

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| Vitamin A | 3,000,000 IU |
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| Vitamin E | 600 IU |
| Enzyme Activity | 1,816,000 Units |
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| Lactic Acid Producing Bacteria | 225 Billion CFU |

Not a drug - No Milk or Slaughter Withhold!
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SAVE $20!!
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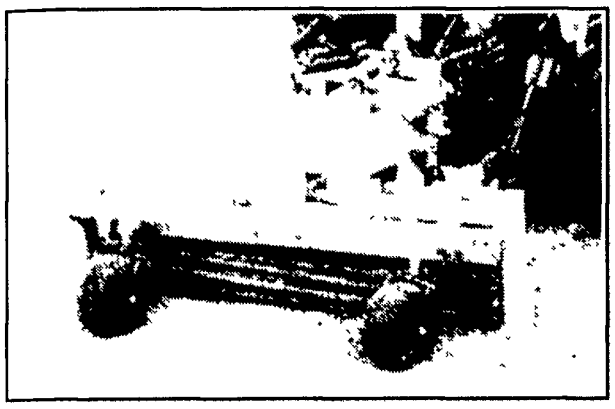

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- 72" and 96" models available
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- Optional Danish Tine Kit with staggered rows
- Heavy-duty gauge wheels with sealant
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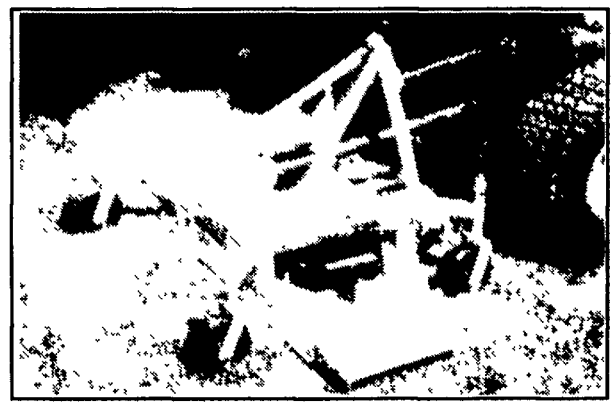
- Ideal for clearing rocks, debris and even beaches



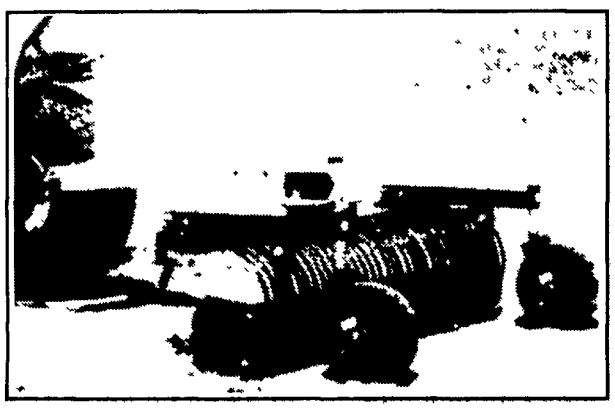
### Grooming Mowers

**Rear Discharge and Side Discharge**

- Rear discharge in 48", 60", 72", and 90" widths
- Side discharge available in 48", 60" and 72" widths
- Four wheels with front roller option
- Floating hitch and swiveling top link for superior contour following capabilities

### Rear Blades

- 17 models in 6 series - from 48" to 120" widths
- 20 HP to 150 HP
- Heavy-duty rolled moldboard
- All models feature adjustable angle; some have tilt and offset capabilities
- Heavy-duty A-frames

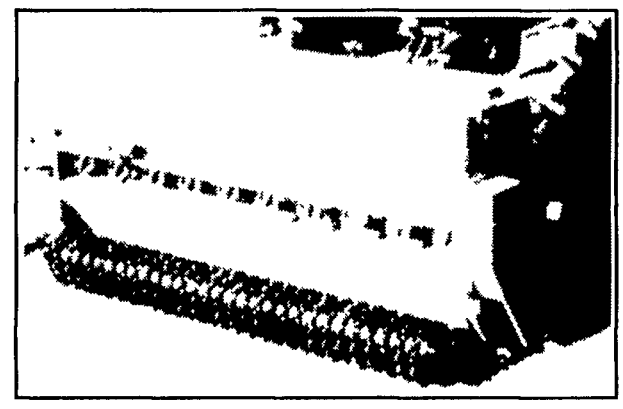


### Landscape Rakes

- 20-60 HP with 5 widths available
- High carbon, spring steel teeth
- Heavy-duty A-frames
- Optional flip-down grader blade
- Gauge wheels and hydraulic angling are available

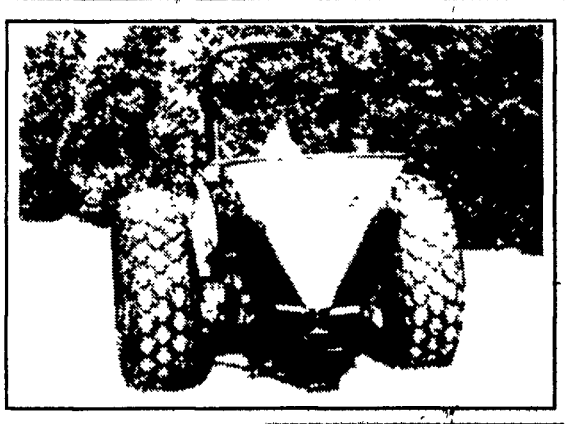
### 50 Series 10' Offset Rotary Cutters

- 5 year gearbox warranty
- Available in 540 or 1000 RPM
- Single wing design with counterweight box on left side
- Rugged structure, heavy-duty stump jumper
- 1/4" side panels ensure strength and durability
- 80 degree turning angle with Constant Velocity U-Joint



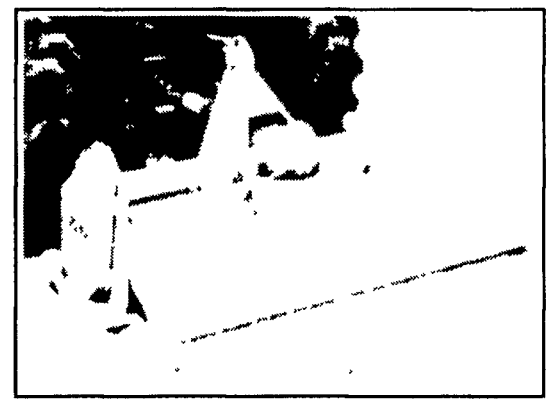
### Primary Seeder

- Large capacity six bushel seed hopper with paddle style agitator
- 10 non-corrosive, fluted seed cups
- Full width seeding pattern
- Track removers
- Narrow side panel construction for close seeding



### Broadcast Spreaders

- 3 hopper sizes available: 350, 563, and 673 lbs.
- One piece, seamless construction allows material to fall freely as hopper empties
- Material can be delivered completely to the left or right or in a full width pattern
- Application rate is from 44 lbs. to 890 lbs. per acre
- 50 ft. spreading width
- Ideal for landscaping, nurseries, hobby farms, sod farms and municipal applications



### 25 & 35 Series Rotary Tillers

- 35 series: 68" and 76" widths available
- 25 series: 48", 55", 62" and 70"
- Heavy-duty box frame
- Adjustable hitch clevises
- Drive chain enclosed in oil bath
- 19" rotor diameter
- Ideal for large tilling projects

## Pennsylvania

**Betts Equipment**
3139 Windy Bush Road,Rt. 232
New Hope, PA 18938
**215-598-7501**

**Hoober, Inc.**
Main Street
Intercourse, PA 17534
**717-768-8231**

**Hoober, Inc.**
East Main Street
McAlisterville, PA 17049
**717-463-2191**

**Deerfield Ag & Turf Center, Inc.**
RR 2 Box 212
Watsontown, PA 17777
**717-538-3557**

**Detlan Equipment, Inc.**
141 East Main St.
Silverdale, PA 18962
**215-257-5177**

**Thomas L. Dunlap**
Rt. 220, Main St. Exit
Jersey Shore, PA 17740
**717-398-1391**

**Eckroth Bros Farm Equipment**
Rd 2, Box 24A
New Ringgold, PA 17960
**717-943-2131**

**Eckroth Equipment Co.**
4910 Kernsville Rd.
Orefield, PA 18069
**610-366-2095**

**Hines Equipment**
RT. 220, Belwood, PA
**814-742-8171**

**Keller Brothers**
R7 Box 405
Lebanon, PA 17042
**717-949-6501**

1950 Fruitville Pike
Lancaster, PA 17601
**717-569-2500**

**M.S. Yearsly & Sons**
West Chester, PA
**610-696-2990**

**Pikeville Equipment Inc.**
RD 2, Oysterdale Road
Oley, PA 19547
**610-927-6277**

**Stoltzfus Farm Service**
Cochranville, PA
**610-593-2407**

**Stouffer Bros Inc.**
1066 Lincoln Way West
Chambersburg, PA 17201
**717-263-8424**

## New Jersey

**Rodio Tractor Sales**
North White Horse Pike
Hammonton, N.J. 08037
**609-561-0141**

**Frank Rymon & Sons, Inc.**
RD 3, Box 355
Washington, N.J 07882
**908-689-1464**

**Warren County Service Center**
228 Route 94
Blairtown, N.J.
**908-362-6916**

# American Highland Cattle On Display

DENVER, Colo. — A unique breed of cattle dating back to the 12th century has been rapidly gaining popularity as a favorite among the nation's top beef connoisseurs. A recent article from Associated Press touted the headline "Red Meat for the Elite" stating that at "$36 a steak, Highland beef isn't exactly 'chopped liver'." This is blue-blood beef.

Her Majesty Queen Elizabeth keeps a large herd of Scottish Highland cattle at Balmoral Castle for her private stock. It is said that this is the only beef she allows to grace her table. In addition to the Queen, British nobility and multi-billionaires here in the U.S. own Highland cattle. They know a good steak when they taste one. Prestigious white tablecloth restaurants have chosen various Highland cuts as their top menu selections. As a trial, 35 Highland NY strip steaks made their premier on the Metropolitan Opera's Special Menu. They were sold out in just 30 minutes! Since the growing demand currently exceeds the available supply, the American Highland Cattle Associaation is looking for more breeders to raise the gourmet beef.

Highland breeders from across the country and Canada will bring their very best to Denver's National Western Stock Show from January 20-23, 1999. The American Highland Cattle Association will hold its National Show on Friday, January 22 at 9 a.m. and National Sale on Saturday, January 23 at 10 a.m. Both events begin with traditional Scottish bagpipers leading the way for these aristocratic bovines.

**Beef Brings Top Dollar**

The price also sets Highland beef apart. On the traditional markets, a whole carcass generally sells for less than $1 a pound, Angus sells for about $1.15 and Highland for about $2. This is based not only on the relative rarity of the Highland breed but also because it is raised naturally and is a superior product. The incentives to raise Highland don't come in the volume.

"Were getting more income per acre than if we sold beef commercially," said Roger Smoker of Eagle Creek Cattle Company in Warsaw, Indiana. One of Eagle Creek's biggest supporters is Kent Buell, chef and owner of Kent's in New Buffalo, Michigan. Buell said he buys the meat for a variety of reasons: taste (his staff chose Highland in a blind taste test over other beef), the fact that Eagle Creek is a regional product and the fact the cattle are raised without hormones and steroids. It's the only beef we've had on our menu for the past year," Buell said.

Chef Greg Lutes at the Checkerberry Inn in Goshen, Indiana said he has been selling Highland beef for about six months. He sells a 23-ounce Highland steak for $36 and is considering offering it in smaller portions. He likes the flavor and the fact it's a local product.

**Healthy Beef**

Despite generally depressed beef prices, the popularity of Highlands is due in part to the American public wanting healthy food that is unadulterated by technology and biochemistry. This breed has been basically untampered with since they originated in the Scottish Highlands. Because of its relative rarity, the Highland breed presents interesting marketing perks outside of the main beef loop.

Smoker touts his company's product as an all-natural one: "It's raised without hormones and antibiotics and it is cleaned only with water, not chemicals, during processing. The beef is extremely lean due to this long hair which protects them from the cold rather than an extra layer of fat, as most other breeds have. The beef cuts from Highland are not fatty around the edges like some breeds but there is enough fat marbled throughout the beef to give it a rich flavor. It's also a beef with a rich flavor preferred by many chefs," Smoker says. This is the first year the Association's National Show & Sale will utilize ultrasound to measure ribeye area and backfat thickness.

Highland Cattle looking at you.

**User-friendly Cattle**

"This beef is relatively easy to care for," Smoker said, "with a much higher tolerance for cold and more breeding years than most cattle." Despite their horns, they are extremely docile and friendly, making them easily halter broken. Since Highlands originated in a rugged terrain and harsh climate where only the fittest survived, they are perfect for first-time farmers (you might call them "user-friendly" cattle) not even requiring barns during winter. It's no wonder they are quickly gaining in popularity among America's "gentleman farmers."

An astounding example of their hardiness and disease resistance occurred in the Aleutian Islands off the coast of Alaska. The area proved too rigorous for many of the original homesteaders and as they migrated from the outlying areas, some of their Highland cattle were left behind. Despite having no human care, the animals survived and flourished. Years later, the U.S. Fish & Wildlife Service sent in marksmen to eliminate the Highlanders because they were over populating some of the areas that had since been designated as part of the new Alaska Maritime National Wildlife Refuge.

For more information or to locate breeders in your area, contact the American Highland Cattle Association at (303) 292-9102. e-mail ahca@envisionet.net or visit their website at: www.home.eznet.net/~highland/ahca.htm

# Cook Receives Distinguished Service To Agriculture Award

GELMONT, NEW YORK – New York Farm Bureau presented State Senator Charles D. Cook (R-40) its most prestigious award the Distinguished Service to Agriculture Award, during the farm organization's 42nd annual meeting in Syracuse.

In announcing the presentation of the Distinguished Service to Agriculture Award to Senator Cook, farm Bureau President John Lincoln said, "As a senator in the New York legislature, Charlie Cook has demonstrated his support and understanding of New York's largest industry – agriculture. He's understood our industry because he was born and raised on a small family farm in Delaware County. We're really going to miss his guidance, support, and initiative when he retires at the end of the year."

Since his election to the state senate in 1979, the Delhi, N.Y. former state assemblyman (1973-1979) has served on the New York State Senate Agriculture Committee. While in the state senate, Senator Cook was prime sponsor on several important Farm Bureau-supported goals. This included his support for the Farm Preservation Act of 1996, the landmark farm property tax relief bill that passed into law.

"This was the first major initiative toward real property tax reform for farmers, and Charlie Cook was a tremendous resource and supporter," Lincoln said. "He's always been so outspoken in his support of agriculture and New York Farm Bureau, but he does so in a quiet, subtle way. He never looked for the credit; he only sought the successful resolution of Farm Bureau-supported legislation."

Cook also was prime sponsor for a number of Farm Bureau-supported legislation. These included the creation of the state Office of Rural Health, recodification of Planning and Land Use enabling statues, agricultural districts disclosure notices; rural impact statements by state agencies.

He has chaired such state senate committees as the Education Committee, the Committee on Local Government, the Committee on Agriculture, as well as the Legislative Commission on Rural Resources. Nationally, Cook was a member of the National Advisory Committee on Rural Health and the Council of State Governments Advisory Committee on Agriculture and Rural Developement.

"Throughout his public service life, Senator Cook has been a staunch supporter agriculture, and ally of New York Farm Bureau and the policy goals that our members have pursued,"

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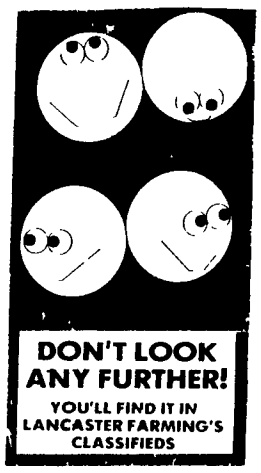


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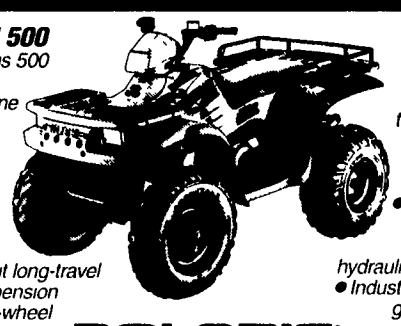

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# Get The Scoop On Ice Cream Business With Penn State Short Course

UNIVERSITY PARK (Centre Co.) — What are the hot trends in cold treats? High-concept flavoring and low fat, according to the director of the nation's premier program on ice cream making and sales.

Penn State's Ice Cream Short Course enters its 107th year as the nation's oldest, best-known and largest educational program in the science and technology of ice cream under the direction of Robert F. Roberts, associate professor of food science in Penn State's College of Agricultural Sciences.

Running Jan. 4-14 at the Nittany Lion Inn on Penn State's University Park campus, the program instructs professionals in all aspects of commercial ice cream manufacture, including ingredients and flavors, freezing/hardening, and storage/distribution.

Roberts says the current industry trend is toward "highly flavored concoctions. "Vanilla is still the primary flavor that people want," he said. "But you see more and more fancifully flavored products, such as 'Tin Roof Sundae' or 'Cookies and Cream', with very high levels of background flavors and identifiable pieces. You may find specialty products with gummi bears or caramel critters stirred in, for instance."

At the other end of the spectrum is the growing popularity of low-fat frozen desserts, Roberts said, as technological advances allow producers to create low-fat (and no-fat) ice creams and frozen yogurts witih more of the rich taste and creamy consistency consumers crave.

"We've improved our command of flavor systems and our ability to emulsify and whip no-fat products to make a dessert that is acceptable," Roberts said. "You may remember what a no-fat vanilla ice cream tasted like about 10 years ago. Now you can buy products that are quite good."

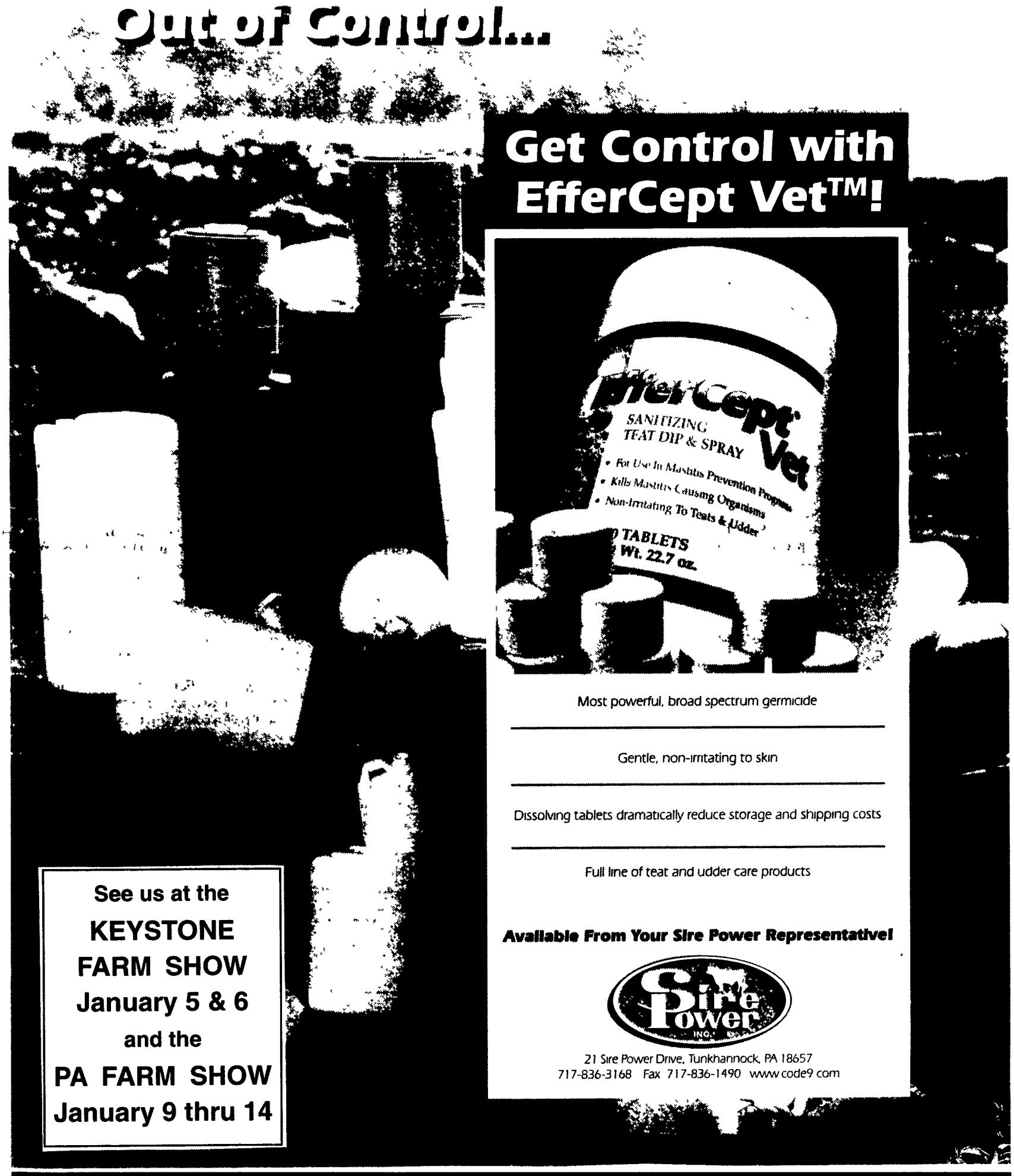
Roberts said he is excited about heading up a program that draws an international audience. Registrants this year will represent at least 26 states and nine countries. He says the course offers something for everyone interested in the "magic" of ice cream, "from cow to cone."

"What a student takes away from the course depends on what they start with," he says. "The 'mom-and-pop' operator who wants to open a shop will learn a lot about the industrial aspect — how products are put together and their functional properties. People in production may come away witih a greater understanding of why their efforts result in a good or poor finished product. People in research and development will come away with new ideas on how ingredients interact with each other to form the product."

As an alternative to the more intensive and highly technical short course, Penn State offers the seminar, "Successful Ice Cream Retailing," Jan. 15-18 at the Nittany Lion Inn. Conducted by Ed Marks, a consultant with more than 50 years of experience in the ice cream industry, the seminar is intended for those who want to own an ice cream parlor, rather than in ice cream factory.

"This seminar was started to meet the needs of the 'mom-and-pop' store owners, rather than the food scientists," Marks said. "The short course is technology-heavy, slanted toward research and development and quality assurance.

The seminar will address such concerns as employee training, menu creation, price setting, and promotions. Presenters will include Dick Warren, owner-operator of Four Seas Ice Cream in Cape Cod, Mass.; Diane and Steve Lueders, a husband-and-wife team with more than 20 years of experience in specialty ice cream desserts; and Andy Crivaro, soft-serve consultant and co-owner of Sentry Equipment.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# Farm Show Exhibitors, L

## Commercial Exhibitor Key

The Pennsylvania State Farm Show Complex provides a large exhibition area for commercial and non-profit businesses and organizations, located within six adjoining buildings as well as an outside exhibit area In addition, there are two arenas — the Large Arena and the Small Arena — with the lower level concourse of the Large Arena used to site exhibitor booths Spaces for commercial and nonprofit organization exhibitors are designated by building and display booth number. To locate a specific Farm Show commercial or nonprofit exhibitor, find the name of the exhibitor in the alphabetical listing, and then look for the building area code and the space number. For example· If ABS Global Inc. is the exhibitor, it is located on the Main Floor in exhibit booth spaces 500 and 501 See the floor plan and the diagram of numbered spaces to locate the booths.

EAST BUILDING Called the FOOD COURT for the Farm Show This is where the state's commodity organizations offer a variety of quality foods, from fried mushrooms to fresh fillet of fish sandwiches and the traditional Farm Show baked potato Although they technically have building and space designations, all references are to Food Court. The specific commodity booths are labeled on the the floor plan

MAIN FLOOR No building designation before the space number

NORTH BUILDING Space numbers preceeded by "N " (Also called the dairy barn )

FAMILY LIVING, AG LEARNING CENTER Spaces with "FLALC" before the number It is located on the second floor of the Northeast Building, above the horses

NORTHWEST BUILDING Space numbers preceeded by NW

LARGE ARENA Commercial and nonprofit exhibitors are generally located along the lower level concourse of the Large Arena and the symbol is LA-LL

OUTSIDE. There are a number of outdoor commercial exhibitor areas located at the northwest corner of the Complex Outside exhibits are designated as such in the listing


| | Space # |
|---|---|
| ABS GLOBAL, INC | 500-501 |
| ADADC. | N 9-10 |
| AG RESOURCES INC | 404 |
| AGRI BUSINESS INS AGENCY INC | 552 |
| AGRI-QUIP CORP | 662 |
| AGRICULTURE AWARENESS FOUNDATION OF PENNSYLVANIA | FLALC 6 |
| AGWAY INC | 374-377, 390-391 |
| AGWAY/SEEDWAY INC | 484-486 |
| ALFRED STATE COLLEGE SUNY COLLEGE OF TECHNOLOGY | 480 |
| ALLEN PLANT COMPANY | 483 |
| ALTMEYER'S WESTERN WEAR. | 51-56 |
| | OUTSIDE 30-32 |
| | NW 3-4 |
| AMERICAN CHESTNUT FOUNDATION | FLALC 23 |
| AMERICAN DAIRY ASSOCIATION DAIRY COUNCIL, MID-ATLANTIC | 338, 349 |
| AMERICAN SEED COMPANY | 440-441 |
| AMERICAN STANDARD CO DBA FLORIAN RATCHET-CUT | 467 |
| AMSOIL - HALLOCK ENTERPRISES | 648-649 |
| AMTRAK | 416 |
| APPLE AGRI SALES INC | 593-594 |
| ASHBROOK FARMS | NW 13 |
| ARN SUPPLY CORPORATION (CONKLIN CO) | 550-551 |
| AUNT BOBBI'S FUDGE & SWEETS | 743 |
| AWR PRODUCTS PTY LTD | 634-635 |
| BEANIE'S CHUCKWAGON | 746 |
| BEITZEL'S SPRAYING | 638-639 |
| BINKLEY HURST BROTHERS INC | 237-240, 253-256 |
| BISON RIDGE INC | 735 |
| BRITTINGHAM PLANT FARMS, INC | 446 |
| BUTLER MANUFACTURING COMPANY | 643 |
| BUTTER KRUST BAKING COMPANY | 706 |
| C J WONSIDLER BROTHERS. | 021-025, 038-042 |
| CAKE AND KANDY EMPORIUM | 730 |
| CANNS-BILCO DISTR INC | 027-029, 034-036 |
| CARGILL FEED DIVISION - YOUNG'S | 431-432 |
| CARNEY CATTLE & FENCE CO | 524-525 |
| CATTLE CARE SERVICE, INC | 481 |
| CENTER FOR RURAL PENNSYLVANIA. | 532 |
| CENTRAL TRACTOR FARM & COUNTRY INC | 168-173, 180-185, 196-201 |
| CENTURY FARM PRODUCTS | 264-265 |
| CHEMGRO, INC | 488-491 |
| CHEVROLET MOTOR DIVISION | 243-250 |
| CLOISTER SPRING WATER COMPANY | 722-723 |
| COOKIE CORNER | 739 |
| COWCO, INC. | LA-LL 6 |
| COX TRAILER SALES | 46-50, 57-61 |
| CUB CADET CORPORATION | 280-282, 293-298, 309-311 |
| CUMMINS POWER SYSTEMS INC | 458 |
| D & S SALES | 447-449 |
| D K. HOSTETLER INC. | 141-148, 155-162 |
| DAD'S PRODUCTS CO | 732 |
| DAIRY FARMERS OF AMERICA | 515-516 |
| DAIRYLEA COOPERATIVE INC | N 4 |
| DAISY FARMS | 478-479 |
| DAN HUDON SALES INC | 505-507 |
| DATA TRANSMISSION NETWORK CORPORATION | 603 |
| DELAWARE VALLEY COLLEGE | FLALC 1-2, 508, 509, 518, 519 |
| DENNIS ERDMAN/ERDMAN GAME FARM | NW 20 |
| DICK MEYER CO, INC | 622 |
| DISABLED AMERICAN VETERANS, DEPT. | 654-655 |
| DIXON INDUSTRIES, INC | 640-642 |
| DOEBLER'S PA HYBRIDS, INC. | 444-445 |
| DURATECH INDUSTRIES INTERNATIONAL | 661 |
| E M. HERR EQUIPMENT, INC. | 628-629 |
| EASTERN BISON ASSOCIATION | N 35 |
| ELITE VINYL RAILINGS | 658 |
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| ENDLESS MOUNTAIN EQUIPMENT. | 283-285, 290-292 |
| ENVIRONMENTAL SYSTEMS,INC | 630 |
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| FORT DODGE ANIMAL HEALTH | 425 |
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| FURST MCNESS COMPANY/MIRACLE FEEDS | 601 |
| G'S CARAMEL CORN. | 712,713 |
| GEBHART CONSTRUCTION | 553 |
| GENEX COOPERATIVE. | N 39 |
| GORDON TRAIN INTERNATIONAL | 464-466 |
| GOSS CANDIES LTD. | 747, 748 |
| GREENHOUSE SUPPLY INC. | 378-380, 387-389 |
| GRO MOR PLANT FOOD COMPANY, INC. | 412-413 |
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| GVM INC | 206-207, 230-231 |
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| HEATMOR INC. | 362-364, 371-373 |
| HERR FOODS, INC. | 733-734 |
| HERSHEY GARDEN | FLALC 19 |
| HOOBER INC | 65-68, 83-90, 105-112 |
| HYDRO WASH | 7-9 |
| J G PLOTKIN & SON SHOE COMPANY | 462-463 |
| J & J AGRIPRODUCTS & SERVICE, INC | 473-474 |
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| JORAMA RANCH. | 241-242, 251-252 |
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| JUNIATA SPRINGS BISON FARM | N 3 |
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| KENCOVE FARM FENCE, INC | 499 |
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| KEYS ET AL. | 43-45, 62-64 |
| KITCHEN KETTLE FOODS | 727 |
| KINITZ LLAMA FARM/DEJA VUE LLAMAS | NW 21-22 |
| KIWI FENCE SYSTEMS INC | 583-584 |
| KNIGHT MANUFACTURING INC | 299-308 |
| KOUP'S CYCLE SHOP INC | 129-130 |
| KUHN FARM MACHINERY INC | 216-221 |
| KUTZ FARM EQUIPMENT INC | 214-215, 222-223, Outside 1-3 |
| KUTZTOWN BOLOGNA. | 703 |
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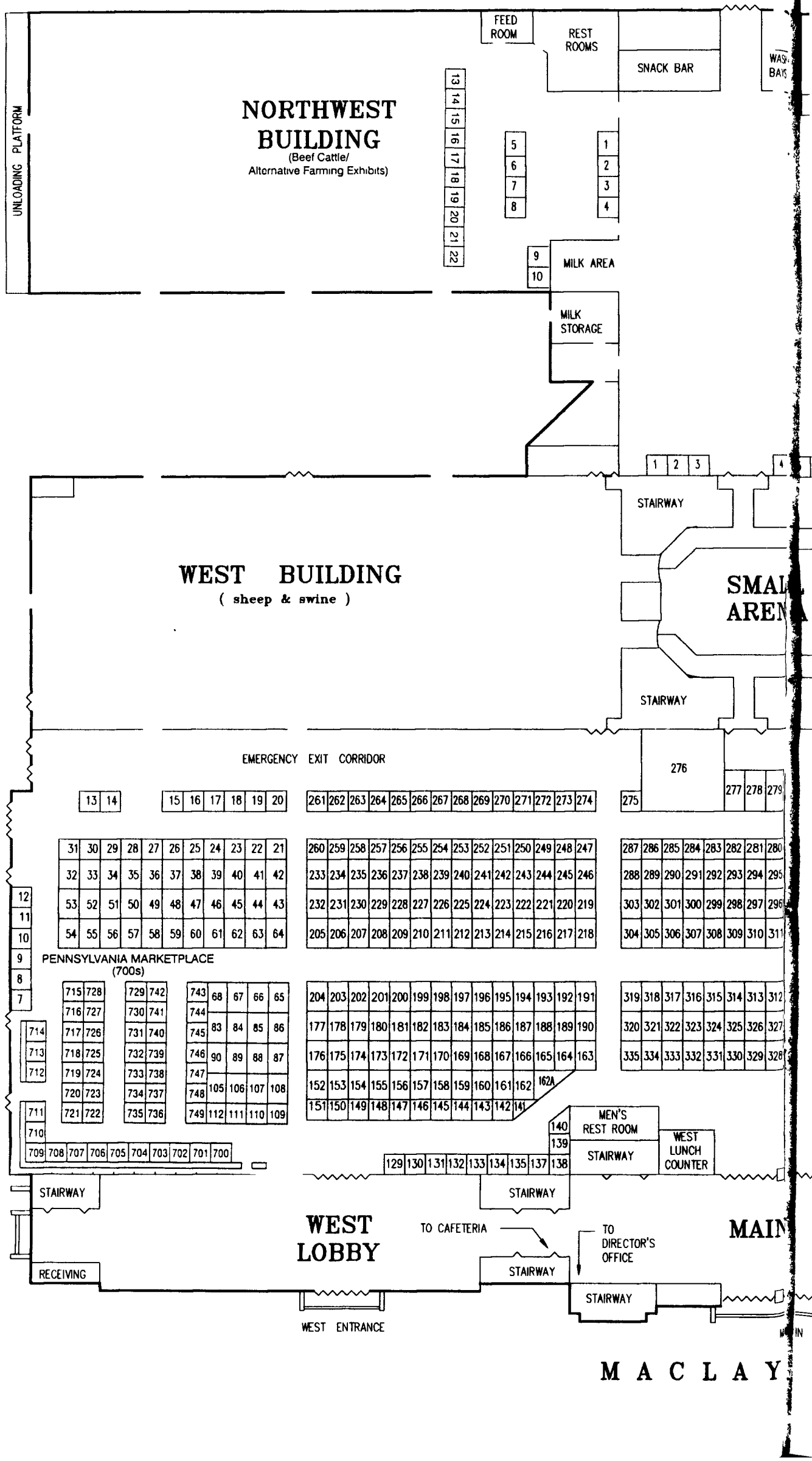

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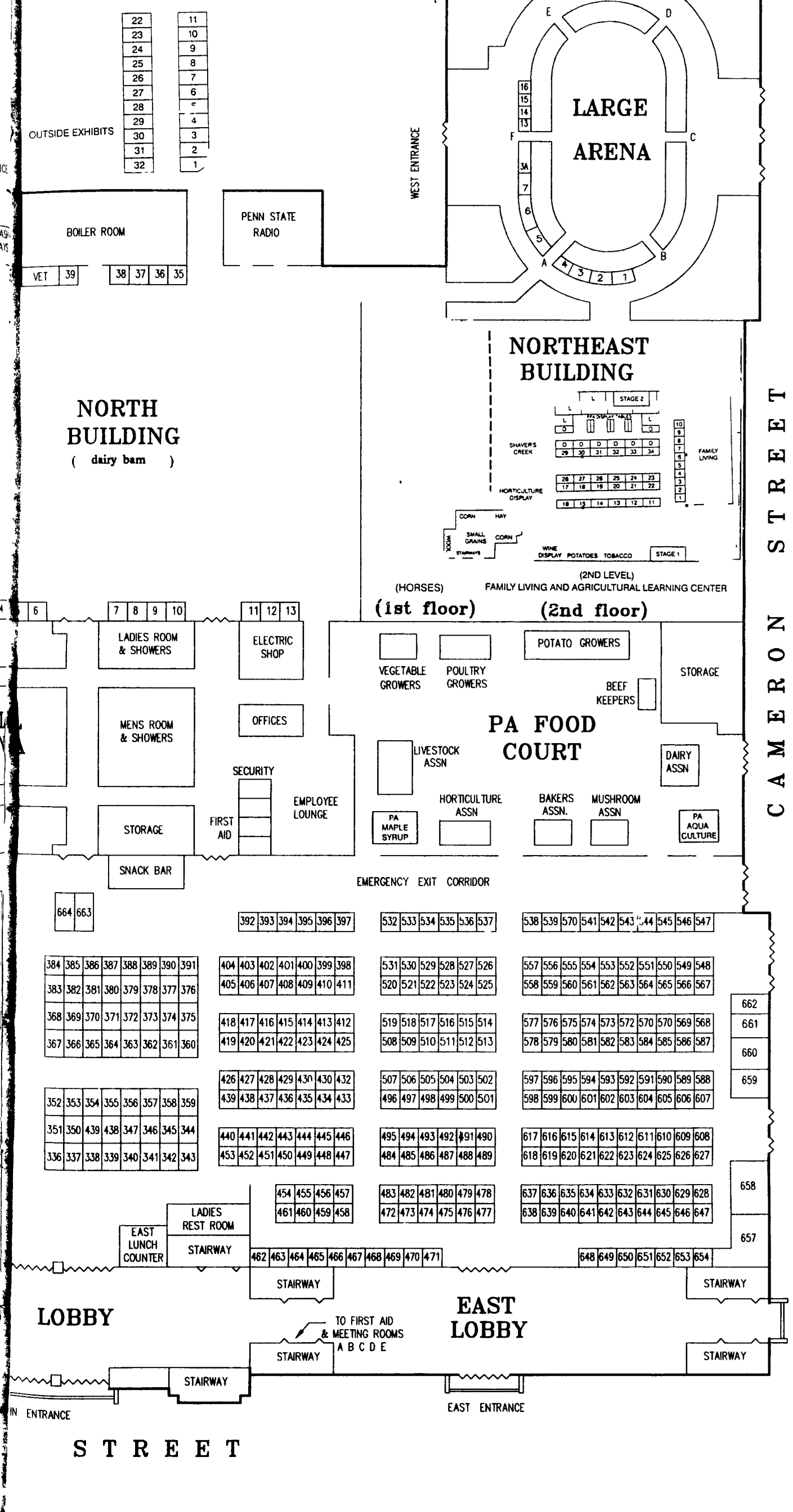


# 1999 Farm Show Judging Schedule

## *Judging Events Not Open To Public Until Saturday*
## *Pa. Farm Show Opens Saturday, Jan. 9*

### Farm Show Public Hours

| | SHOW HOURS | EXHIBIT HOURS |
|---|---|---|
| January 9 | 8 a.m.-9 p.m. | 8 a.m.-9 p.m. |
| January 10 | 8 a.m.-9 p.m. | 8 a.m.-9 p.m. |
| January 11 | 8 a.m.-9 p.m. | 8 a.m.-9 p.m. |
| January 12 | 8 a.m.-9 p.m. | 8 a.m.-9 p.m. |
| January 13 | 8 a.m.-9 p.m. | 8 a.m.-9 p.m. |
| January 14 | 8 a.m.-4 p.m. | 8 a.m.-4 p.m. |

### THURSDAY, Jan. 7 *(Closed to public)*

noon-4 p.m. Judging: Aquaculture-WL
6 p.m. Judging: Swine Progeny Test Show-SA

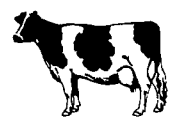
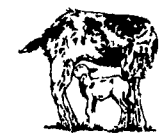
### FRIDAY, Jan. 8 *(Closed to public)*

7 a.m. Judging: Live Poultry-LA
8 a.m. Judging: Apiary Products-EL
Judging: Edible Nuts-EL
Judging: Family Living & 4-H Opportunities-NEU
Judging: Fruit-EL
9 a.m. Judging: Tobacco-NEU
9:30 a.m. Judging: Vegetables-WL
10 a.m. Judging: Hay-NEU
Judging: Swine (in order: Berkshire, Chester White, Duroc, Hampshire, Landrace, Poland China, Spotted & Yorkshire)-SA
Judging: Hay-NEU
Judging: Aquaculture-WL
10:30 a.m. Judging: Corn-NEU
11 a.m. Judging: Potatoes-NEU
Noon Judging: Maple Syrup Products-EL
Judging: Christmas Trees-ML
Judging: Small Grains-NEU

(Turn to Page D9)

### Judging Schedule Legend

EL = East Lobby
LA = Large Arena
LAL = Large Arena, Lower Concourse
LAU = Large Arena, Upper Concourse
ML = Main Lobby
NE = Northeast Building, Lower Level
NEU = Northeast Building, Upper Level
SA = Small Arena
WL = West Lobby

| Time | Thursday | Friday | Saturday | Sunday | Monday | Tuesday | Wednesday | Thursday |
|---|---|---|---|---|---|---|---|---|
| 8 A.M. | | 7 a.m. Judging Live Poultry LA<br>**8 A.M.**<br>Judging Apiary Products EL<br>Judging Edible Nuts EL<br>Judging Family Living & 4-H Opportunities NEU<br>Judging Fruit EL | Judging School Window Exhibits LAL | Judging Eggs LAL<br>Judging Dressed Poultry-WL<br>Judging Draft Horses (Belgian Clydesdale Shire and Percheron) LA | Judging Beef Cattle (In order Ring 1 Angus Limousin Ring 2 Simmental Polled Hereford) LA<br>**8:30 A.M.**<br>Judging Vo Ag School Demonstrations UNE | Judging Dairy Cattle (in order Ayrshire Guernsey & Milking Shorthorn) LA<br>**8:30 A.M.**<br>Judging Junior Market Swine SA | Judging Junior Market Lambs SA<br>Judging Beef Cattle (Maine Anjou) LA<br>**8:30 A.M.**<br>Judging Junior Beef Breeding Cattle (in order Angus Charolais Chianina Limousin Hereford Shorthorn Simmental) LA | **8:30 A.M.**<br>Judging Dairy Goats (in order Alpine LaMancha Nubian Toggenburg other Purebreds Recorded Grades Best of Show) LA |
| 9 A.M. | | Judging Tobacco NEU<br>**9:30 A.M.**<br>Judging Vegetables WL | **9:30 A.M.**<br>Judging Supreme Champion Swine SA | Judging Sheep (In order Suffolk Dorset Hampshire Oxford Southdown Meat Breeds Champion) SA | | Judging Carcass Lamb on Rail (Off Site)<br>**9:30 A.M.**<br>Judging Dairy Cattle (Holsteins) LA | | Sale Junior Market Livestock Champions-SA<br>**9:50 A.M.**<br>Sale Best of Show Winners SA |
| 10 A.M. | | Judging Swine (in order Berkshire Chester White Duroc Hampshire Landrace Poland China Spotted & Yorkshire) SA<br>Judging Hay NEU<br>Judging Aquaculture WL<br>**10 30 A.M.**<br>Judging Corn NEU | Sale Swine (in order Supreme Champion Yorkshire Berkshire Landrace Spotted Swine Duroc Poland China Chester White Hampshire) SA<br>Contest Blue Ribbon Apple Pie-NEU Stage I | | | Judging Dairy Cattle (Jersey) - LA | | Event PA Farm Show Scholarship Presentation SA<br>Judging Junior Market Goats LA<br>**10:15 A.M.**<br>Sale Junior Market Lambs-SA |
| 11 A.M. | | Judging Potatoes NEU | **11:30 A.M.**<br>Event Governor s Address Public Grand Opening-LA | Judging Supreme Champion Draft Horse-LA<br>**11:30 A.M.**<br>Judging Youth Showmanship with Draft Horses-LA | | Judging Dairy Cattle (Brown Swiss) LA | Judging Champion Junior Market Lamb SA<br>**11:15 A.M.**<br>Judging Junior Breeding Sheep SA | **11:45 A.M.**<br>Sale Junior Market Steers-SA |
| Noon | Judging Aquaculture WL | Judging Maple Syrup Products - EL<br>Judging Christmas Trees-ML<br>Judging Small Grains-NEU | **12-3 P.M.**<br>Event Championship Rodeo LA | **12:30 P.M.**<br>Judging Beef Cattle (Charolais) | |  | Judging Junior Beef Steer-LA | |
| 1 P.M. | | Judging Vocational Horticulture NEU | | | Judging Outstanding Young Shepherd s Program-SA | | | Sale Junior Market Swine-SA |
| 2 P.M. | | | Judging Eggs-LAL<br>Contest Greatest Cocoa Cake and Cookie NEU | **2-7 P.M.**<br>Competition Hitched Draft Horses-LA | **2:30 P.M.**<br>Judging Beef Supreme Champion-LA | **2:30 P.M.**<br>Judging Dairy Cattle Supreme Champion of Breeds-LA<br>Judging Junior Dairy Cattle Showmanship-LA<br>**2:45 P.M.**<br>Judging Junior Market Swine Grand Champion-SA | | |
| 3 P.M. | | | | Judging Pa Greatest Shoo-Fly Pie UNE<br>Judging Wool-UNE | | | **3:15 P.M.**<br>Judging Grand champion Steer-LA<br>**3:45 P.M.**<br>Judging Junior Beef Showmanship LA | |
| 4 P.M. | | Judging Mushrooms WL | **4-5 P.M.**<br>Demonstration Cumberland County 4-H Club Drill Team LA | | Judging Event Pa State FFA Association Convention-LA | **4:30 P.M.**<br>Contest Championship Horse Pulling-LA | |  |
| 5 P.M. | | Judging Carcass Lamb Live Evaluation SA | **5-8 P.M.**<br>Event Championship Rodeo-LA | | Contest Sheep-to-Shawl SA | Judging Sheep (Corriedale, Merino Rambouillet and Wool Breeds Champion)-SA | | |
| 6 P.M. | Judging Swine Progeny Test Show SA | Judging School Table Top Exhibits - LAU<br>**6:30 P.M.**<br>Judging Rabbits LAL | Judging Sheep (Shropshire and Cheviot) SA | | | | Judging Supreme Champion Sheep-SA<br>Contest PA Auctioneers Bid Calling-UNE Stage I<br>Contest Championship Pony Pulling-LA | |
| 7 P.M. | | Contest Line Dancing Competition LA | | | Contest Folk Dancing Festival-LA | | | |
| 8 P.M. | | | | | Sale Auction of Shawls SA | | | |

# 1999 Farm Show Judging Schedule

(Continued from Page D8)

1 p.m. Judging: Vocational Horticulture-NEU
4 p.m. Judging: Mushrooms-WL
5 p.m. Judging: Carcass lamb live evaluation-SA
6 p.m. Judging: School table top exhibits-LAU
6:30 p.m. Judging: Rabbits-LAL
7 p.m. Contest: Line Dancing competition-LA

## SATURDAY, Jan. 9
### *"Governor's Day"*

8 a.m. Judging: School window exhibits-LAL
9 a.m.-8 p.m. Exhibit: Shaver's Creek Environmental Center-NEU
9:30 a.m. Judging: Supreme Champion Swine-SA
10 a.m. Sale: Swine (in order: supreme champion, Yorkshire, Berkshire, Landrace, Spotted Swine, Duroc, Poland China, Chester White, Hampshire)-SA
Contest: Blue Ribbon Apple Pie-NEU Stage 1
11 a.m. Demonstration: Cooking-WL
Demonstration: PA State Police Mounted Drill Team-LA
11:30 a.m. Event: Governor's Address, public grand opening-LA
12-3 p.m. Event: Championship Rodeo, Pa. High School Rodeo Association-LA
1 p.m. Demonstration: Cooking-WL
Event: Meet the Grower-EL
2 p.m. Judging: Eggs-LAL
Contest: Greatest Cocoa Cake and Cookie-NEU
3 p.m. Demonstration: Cooking-WL
4-5 p.m. Demonstration: Cumberland County 4-H Club Drill Team-LA
5 p.m. Demonstration: Farm Show Fashions with a Flair-NEU Stage 1
Demonstration: Cooking-WL
5-8 p.m. Event: Championship Rodeo, Pa. High School Rodeo Association-LA
6 p.m. Judging: Sheep (Shropshire and Cheviot)-SA
7 p.m. Demonstration: Cooking-WL

## SUNDAY, Jan. 10 *"Family Day"*

8 a.m. Judging: Eggs-LAL
Judging: Dressed poultry-WL
Judging: Draft Horses (Belgian, Clydesdale, Shire and Percheron)-LA
9 a.m. Judging: Sheep (In order: Suffolk, Dorset, Hampshire, Oxford, Southdown, meat breeds champion)-SA
9 a.m.-7 p.m. Demonstration: Family Day demonstrations in family living and agricultural learning center-NEU
Exhibit: Shaver's Creek Environmental Center-NEU
10 a.m. Event: Non-denominational worship service-2nd Floor Meeting Rooms
11 a.m. Judging: Supreme Champion Draft Horse-LA
Contest: "Behold the Power of Cheese" cheese carving-NEU Stage 1
11:30 a.m. Judging: Youth Showmanship with draft horses-LA
12:30 p.m. Judging: Beef Cattle (Charolais)
1 p.m. Demonstration: Cooking-WL
Event: Meet the Grower-EL
2-7 p.m. Competition: hitched Draft Horses (Cart classes start at 2 p.m., 6-horse hitched and other team classes start at 5 p.m.)-LA
3 p.m. Judging: Pa. Greatest Shoo-Fly Pie Contest-NEU
Judging: Wool-NEU
Demonstration: Cooking-WL
4 p.m.-5 p.m. Demonstration: Pa State Police Mounted Unit Drill Team-LA
5 p.m. Demonstration: Cooking-WL

## MONDAY, Jan. 11
### *"Agricultural Heritage Day"*

8 a.m. Judging: Beef Cattle (In order: Ring 1 Angus, Limousin; Ring 2 Simmental, Polled Hereford)-LA
8:30 a.m. Demonstration: Vo-Ag School Demonstrations-NEU
9 a.m.-7 p.m. Demonstrations: Family Living Center "Pennsylvania Chefs Day"-NEU
9 a.m.-8 p.m. Exhibit: Shaver's Creek Environmental Center-NEU
11 a.m. Demonstration: Cooking-WL
1 p.m. Judging: Outstanding Young Shepherd's Program-SA
Demonstration: Cooking-WL
Event: Meet the Grower-EL
2:30 p.m. Judging: Beef Supreme Champion-LA
3 p.m. Demonstration: Cooking-WL
4 p.m. Event: Pa. State FFA Association Convention-LA

(Turn to Page D11)

# Pa. Farm Show Schedule

## *Champion Animal Awards*

| | | | |
|---|---|---|---|
| Poultry "Best of Show" | 3 p.m., | Friday, Jan. 8 | Large Arena |
| Supreme Swine | 9:30 a.m., | Saturday, Jan. 9 | Small Arena |
| Supreme Draft Horse | 11 a.m., | Sunday, Jan. 10 | Large Arena |
| Supreme Beef Cow | 2:30 p.m., | Monday, Jan. 11 | Large Arena |
| Supreme Dairy Cow | 2:30 p.m., | Tuesday, Jan. 12 | Large Arena |
| Supreme Sheep | 6 p.m., | Wednesday, Jan. 13 | Small Arena |
| Grand Champion Jr. Market Lamb | 11 a.m., | Wednesday, Jan. 13 | Small Arena |
| Grand Champion Jr. Market Swine | 2:45 p.m., | Tuesday, Jan. 12 | Small Arena |
| Grand Champion Jr. Market Steer | 3:15 p.m., | Wednesday, Jan. 13 | Large Arena |

## *Livestock Sales*

| | | |
|---|---|---|
| Jr. Livestock Champions | 9 a.m., Thursday, Jan. 14 | Small Arena |
| Bred Gilt Sale | 10 a.m., Saturday, Jan. 9 | Large Arena |
| Junior Market Steers | 10:15 a.m., Thursday, Jan. 14 | Small Arena |
| Junior Market Swine | 11:30 a.m., Thursday, Jan. 14 | Small Arena |
| Junior Market Lambs | 1:30 p.m., Thursday, Jan. 14 | Small Arena |

## *Farm Show Week Meeting Schedule*

**Friday, January 8**

| | | |
|---|---|---|
| 2-5 p.m. | PA Floral Industry Association | Room E |
| 6 p.m | Farm Show/International Day Dinner | Hbg Hilton |

**Saturday, January 9**

| | | |
|---|---|---|
| 2-5 p.m. | Sheep & Wool Growers Association | Room E |
| 5:30-6:30 p.m. | Draft Horse & Mule Association | Room E |

**Sunday, January 10**

| | | |
|---|---|---|
| 8 a.m.-1p.m. | Worship Service | Rooms B,C,D,E |
| 1:30 p.m. | PA Junior Angus Association | Room C |
| 2-4 p.m. | International/4-H Youth Exchange | Room B |
| 2-6 p.m. | PA Ayrshire Youth | Room D |

**Monday, January 11**

| | | |
|---|---|---|
| 8 a.m.-noon | USDA Farm Service Agency | Room B |
| 8:30 a.m.-7:30 p.m. | FFA | Room C-D |
| 11:30 a.m.-2 p.m. | PA Ag Democrats | Room E |
| 1-3 p.m. | PA State Grange | Room B |
| 3-5 p.m. | PA Ag Republicans | Room B |
| 3-9 p.m. | 4-H Potato Judging Contest | Room E |

**Tuesday, January 12**

| | | |
|---|---|---|
| 8 a.m.-4 p.m. | 4-H Potato Judging Contest | Room E |
| 9 a.m.-3:30 p.m. | PA Producers-Handlers | Room C |
| 10 a.m.-noon | Flying Farmers | Room D |
| 10 a.m.-12:30 p.m. | State Plowing Contest | Room B |
| 1-3 p.m. | Horse Pulling | Room B |
| 1-3 p.m. | PA Farmers Union | Room D |
| 4-6 p.m. | PA Farmers Market Nutrition Program | Room C |
| 4-6 p.m. | House AG Committee | Room D |

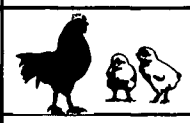
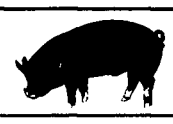
**Wednesday, January 13**

| | | |
|---|---|---|
| 9 a.m.-3 p.m. | Nut Growers Association | Room C |
| 10 a.m.- noon | AGRI-Women | Room D |
| 1 p m | Maple Syrup Association | Room D |
| 1-5 p.m | USDA Farm Service Agency | Room E |
| 2-4 p m. | Keystone Pony Pulling | Room B |
| 4-6 p.m | Farm Show Scholarship Foundation | Room B |

**Thursday, January 14**

| | | |
|---|---|---|
| 7-9 a.m. | Farm Show Scholarship Foundation | Room B |
| 2:30-5 p.m. | FFA | Room B |

## Meetings Scheduled At The Farm Show

| Time | Saturday Jan. 9 | Sunday | Monday Jan. 10 | Tuesday Jan. 11 | Wednesday Jan. 12 | Thursday Jan. 13 |
|---|---|---|---|---|---|---|
| 9 A.M. | | **8-1 p.m.** Worship Service Rooms B C D F | **8-Noon** USDA Farm Service Agency Room B **8:30-7 P.M.** FFA Room C D | **8-4 P.M.** 4-H Potato Judging Contest Room E **9-3:30 P.M.** PA Producers Handlers Room C | **9-3 P.M.** Nut Growers Association Room C | **7-9 A.M.** Farm Show Scholarship Foundation Room B |
| 10 A.M. | | | | **10-Noon** Flying Farmers Room D **10-12:30 PM** State Plowing Contest Room B | **10-Noon** Agri Women Room D | |
| 11 A.M. | | | **11:30-2 P.M.** PA Ag Democrats Room L | | | |
| Noon |  | | | | | |
| 1 P.M. | | **1:30 p.m.** PA Junior Angus Association Room C | **1-3 P.M.** PA State Grange Room B | **1-3 PM** Horse Pulling Room B **1-3 PM** PA Farmers Union Room D | Maple Syrup Association Room D **1-5 P.M.** USDA Farm Service Agency Room F | |
| 2 P.M. | **2-5 p.m.** Sheep & Wool Growers Association-Room E | **2-4 p.m.** International 4-H Youth Exchange Room B **2-6 p.m.** PA Ayrshire Youth Room D | | | **2-4 P.M.** Keystone Pony Pulling Room B | **2:30-5 P.M.** FFA Room B |
| 3 P.M. | | | **3-5 P.M.** PA Ag Republicans Room B **3-9 P.M.** 4-H Potato Judging Contest Room E | | | |
| 4 P.M. | | | | **4-6 PM** PA Farmers Market Nutrition Program Room C **4-6 PM** House AG Committee Room D | **4-6 P.M.** Farm Show Scholarship Foundation Room B | |
| 5 P.M. | **5:30-6:30 p.m.** Draft Horse & Mule Association - Room E | | | | | |
| 6 P.M. | **Friday Jan. 8** 2-5 p m PA Floral Industry Association Room E Farm Show/International Day Dinner Hbg Hilton | | | |  | |
| 7 P.M. | | | | | | |

***NOTE: Meeting rooms B,C, D & E are in the Farm Show building on the second floor over the main lobby.***

BUSINESS ❖ NEWS

# Conventional Combine Is Made in America

ATLANTA, Ga. – The last Massey Ferguson® conventional combines manufactured in North America were the MF 850 and MF 860 models. Many are still in use today by U.S. and Canadian farmers who value their reliability and crop-saving performance.

For the past eight years Massey Ferguson has marketed conventional combines built by a European manufacturer to MF® specifications. During this period farmers had requested Massey Ferguson to one again build quality conventional combines in North America to meet their needs.

In response to customer and dealer requests, Massey Ferguson in introducing the new MF 8680 Convention Combine, a large Class VI machine designed by company engineers and built at a company plant in the U.S.

Tom Draper, Massey Ferguson product marketing manager, summarizing the capability of the new machine, said, "The new MF 8680 incorporates new productive features and technology that will make Massey Ferguson a leader in combine technology as we approach the 21st century."

The MF 8680 is powered by a new Cummins "C" Series is 8 3 liter diesel engine, rated at 260 hp at 2200 rpm, and features a Power Bulge to 275 hp at 2000 rpm to maintain combine performance in tough harvesting conditions and when unloading on-the-go.

**Massey Ferguson's new MF 8680 Class VI Conventional Combine, built at the company's Independence, Mo. plant, incorporates many new productive features including a roomy centerline cab, large diameter cylinder, 300-bushel grain tank, 260 hp Cummins diesel engine, and a complete line of headers.**

The 4-speed constant-mesh transmission and hydrostatic drive provide the perfect combination of ground speed, power and capacity -- whether harvesting small grain, corn, or soybeans. Productive field speeds and fast transport speeds are available to maintain harvesting efficiency and reduce transport time.

Heavy duty final drives and wide axle allow wheel tread settings from 120 to 145 inches. Factory option dual wheels take the tread-setting up to 180 inches on the outer dual wheel.

The MF 8680 Combine cab is center-mounted for maximum comfort and visibility. Entry is easy, it's spacious and quite, and there's even a wide passenger seat. The air conditioning and heating systems maintain a comfortable cab environment in all weather conditions

# Seedway Announces Contest Winners

HALL, N.Y. – Seedway has announced the winners of it's 1998 yield contest.

Several winners were selected from entrants across the Northeast, competing for free seed in categories for highest corn and soybean yields.

Winning entries for Roundup Ready soybean varieties will also receive, from Monsanto, enough Roundup Ultra herbicide to cover the acres planted to the seed won in the contest.

Winning participants from central and eastern Pennsylvania include Allen Herr of Millersville for Asgrow A3704 soybeans at 57 1 bushels per acre, George Scott of Bellefonte and Richard Liberman of Pen Argyl for Asgrow AG3001 at 65.6 bushels per acre and 63.1 bushels per acre respectively, and David Koch of Tamaqua for Asgrow A3244 at 55.4 bushels per acre.

Winners from eastern OH include David Graham of Wooster for Asgrow AG3001 soybeans at 70.3 bushel per acre and, in corn, Ellis Erb of Hartville for Asgrow RX601 at 204.1 bushel per acre.

# One-Pass Tillage Tool Delivers Maximum Versatility

BRILLION, Wis. — Brillion Iron Works, Inc., a manufacturer of soil preparation and seeding equipment, offers growers a tillage tool designed for maximum efficiency in an extensive range of field conditions.

Modeled after feedback direct from growers, Brillion's new Landcommander II cuts through the heaviest of residues, yet leaves fields level for planting, making it the most versatile, one-pass conservation tillage tool available in the market.

"The Landcommander II was essentially designed by growers to meet a wide variety of conservation tillage requirements," said Tim Geary, marketing services manager for Brillion Iron Works. "We listened to their needs and re-engineered the original Landcommander from the ground up, creating the Landcommander II — an all-around workhorse that provides the versatility to adapt to nearly all types of field conditions for maximum productivity."

With an innovative shank design that improves pulling efficiency, the Landcommander II requires less horsepower per shank than other deep tillage tools, resulting in more acres of prepared soil per hour and increased fuel efficiency. Spring or fall, the Landcommander II provides versatile options with a one-pass system for thorough field preparation.

**The Brillion Landcommander II is a one-pass tillage tool that provides maximum versatility. With less horsepower required per shank, the Landcommander II provides unmatched time savings and fuel efficiency. Easily adjustable disk cutting angles and a 39-inch shank underframe clearance gives operators added flexibility to cut through all types of residues without plugging or bogging down.**

The Landcommander II's time-saving and residue management features include a longer drawbar for shorter turns, a longer frame for better trash flow, and heavy-duty, two-piece scrapers for improved performance in wet field conditions.

Growers who need to complete a variety of soil preparation tasks within one field pass will appreciate the amount of tillage choices and adjustable features the Landcommander II offers. Adjustable disc gangs cut and mix residue. Auto-reset shanks, with a 20-inch trip height, break up compaction. Spring-cushioned rear disk gangs break clods, mix residue, and can be adjusted to either leave fields level, without ridges, or leave ridges for erosion control.

Simple and quick adjustable disk cutting angles of 10, 15, and 20 degrees allows growers to fine-tune the Landcommander II to a variety of tillage and residue requirements. Bury 20 percent or up to 80 percent of field residue — all with one machine.

# Case Completes Acquisition

RACINE, Wis. — Case Corporation has finalized the purchase of DMI, Inc., Goodfield, Ill., a manufacturer of soil management equipment. The acquisition represents a valuable addition to the Case lineup of products and services designed to help growers reduce costs and increase yields.

The real key to increasing on-farm profitability is using an integrated crop production system based on sound agronomic principles, said Ed Sechrest, ag systems marketing director, Case Corporation, DMI's "Helping Plants Thrive™ yield-till® system uses a science-based approach to maximizing yields.

"DMI is known worldwide as an expert on the 'soil-plant factory'," said Sechrest. "Matching that expertise with the assistance of our Case IH Advanced Farming Systems (AFS) services group heightens Case's stature as a world-class provided of the resources that growers need to maximize their profit potential."

As the result of extensive field testing, DMI has the knowledge to help growers develop the best combination of tillage equipment to eliminate soil compaction and improve soil tilth. As Sechrest explained, creating an optimum plant environment is critical to maximizing yields.

"The ability of a soil to support plants with nutrients is critical throughout the entire production cycle," he said. "If soil is not properly managed early in the growing season, there is no way to make up for the resulting loss in yield potential."

**Representative of the Case DMI line, the Case IH 527B primary tillage tool carries the signature Case IH red color and logo as well as the DMI logo. Non-Case IH dealers carrying Case DMI products will continue to market implements in the traditional DMI color, in accordance with Case IH branding policy.**

The DMI philosophy, "Helping Plants Thrive," involves understanding and managing the soil environment for optimum agronomic returns. The company's yield-till system is an example of practical technology designed to optimize soil conditions for greater yields and profit per acre.

"DMI's innovative residue-management implements and soil-management expertise complement our integrated AFS products," Sechrest said.

"For years our AFS customers have been using yield maps to identify yield losses within their fields. Now, with a full range of implements from DMI designed to manage residue, reduce soil compaction, band fertilizer in the root zone and optimize seedbed conditions, we're able to help our customers correct those areas and realize greater yields and profits."

The intent to acquire DMI was announced by Case on Sept. 28, 1998. The acquisition now has been approved, and branding and distribution policies have been finalized.

According to Sechrest, Case DMI products will be sold through both Case IH dealers and other dealerships that previously carried the DMI line. Products sold through the Case IH dealer network will be in the Case IH color and brand and also will carry the DMI shield and "Helping Plants Thrive."

# Old Guard Insurance Announces Two Appointments

LANCASTER (Lancaster Co.) — Old Guard Insurance recently announced two appointments

• Gregory R. Kirkham has been appointed agribusiness market specialist His responsibilities include exploring agribusiness markets and assisting in efforts to increase agribusiness production with Old Guard.

Kirkham received his bachelor's degree in insurance and real estate from Penn State University. He previously held the position of farm underwriting department manager

• Denise E. Mineo has been appointed manager of the customer service department She is responsible for establishing professional relationships with customers, responding to inquiries, and coordinating department activities.

Mineo joined Old Guard in 1981 and was most recently manager of the office support services department. She received her business management certificate from Penn State University.

# Woods Offers Reliable, Easy Maintenance Chipper/Shredders

ROCKFORD, Ill. — From Woods Equipment Company, the Model 5000 Chipper/Shredder and the Model 8000 and 8100 chipper are ideal for landscape companies, municipalities, park and recreation departments and farming applications.

Model 5000 is a combination chipper/shredder designed to reduce solid material and debris into useable mulch. Its four tool steel chipping blades chip debris up to 5 inch in diameter, while 36 self-sharpening, free-swinging reversible shredding knives shred debris up to 1 inch in diameter. The Model 5000 is PTO driven with horsepower ranging between 12 to 30 and has a three point hitch for use with compact tractors.

The Model 8000 and 8100 are medium duty chippers. Their four reversible tool steel blades chip debris up to 8 inches in diameter and their 360° discharge tube rotation allows chip discharge to be directed for maximum safety and convenience. Like the 5000, the 8000 series is PTO driven with a horsepower ranging from 25 to 50 and also has a three point hitch for use with compact tractors.

The units are designed for easy maintenance. "The most common maintenance needs for chippers or shredders are sharpening or replacing the blades, which can be frustrating and time consuming," said Tom Benjamin, product manager, Woods Equipment Co. "That is why we designed our chippers/shredders with easy to remove blades to save users valuable time."

(Continued from Page D9)

5 p.m. Contest: Sheep-to-Shawl -SA
Demonstration: Cooking-WL
7 p.m. Contest: Folk Dance Festival-LA
Demonstration: Cooking-WL
8 p.m. Sale: Auction of Shawls-SA
Demonstration: Dancing-LA

## TUESDAY, Jan. 12 *"Dairy Day"*

8 a.m. Judging: Dairy Cattle (In order: Ayrshire, Guernsey & Milking Shorthorn)-LA
8:30 a.m. Judging: Junior Market Swine-SA
Demonstration: Vo Ag School, until 4 p.m.-NEU
8:30 a.m.-7 p.m. Demonstration: "Flower, Garden, Nature Crafts and Nature Day"-NEU
9 a.m. Judging: Carcass Lamb on rail (off-site).
Exhibit: Shaver's Creek Environmental Center (until 8 p.m.)-NEU
Event: 4-H potato grading & identification-2nd Floor Meeting Rooms
9:30 a.m. Judging: Dairy Cattle (Holsteins)-LA
10 a.m. Judging: Dairy Cattle (Jersey)-LA
11 a.m. Judging: Dairy Cattle (Brown Swiss)-LA
Demonstration: Cooking-WL
1 p.m. Demonstration: Cooking-WL
Event: Meet the Grower-EL
2:30 p.m. Judging: Dairy Cattle Supreme Champion of breeds-LA
Judging: Junior dairy cattle Showmanship (immediately follows selection of supreme cow)-LA
2:45 p.m. Judging: Junior Market Swine Grand Champion-SA
4:30 p.m. Contest: Championship Horse Pulling-LA
5 p.m. Judging: Sheep (Corriedale, Merino, Rambouillet, and wool breeds champion)-SA
6 p.m. Demonstration: Pleasure Horse-LA
7 p.m. Demonstration: Cooking-WL

## WEDNESDAY, Jan. 13 *"Youth Day"*

8 a.m. Judging: Junior Market Lambs-SA
Judging: Beef Cattle (Maine-Anjou)-LA
8:30 a.m. Judging: Junior Beef Breeding Cattle (In order: Angus, Charolais, Chianina, Limousin, Hereford, Shorthorn, Simmental)-LA
8:30 a.m.-4 p.m. Exhibit: Vo-Ag School Demonstrations-NEU
8:30 a.m.-7 p.m. Demonstrations: Youth Day activities in Family Living & Ag Learning Center-NEU
9 a.m.-8 p.m. Exhibit: Shaver's Creek Environmental Center-NEU
11 a.m. Judging: Champion Junior Market Lamb-SA
Demonstration: Cooking-WL
11:15 a.m. Judging: Junior Breeding Sheep-SA
Noon Judging: Junior Beef Steer-LA
1 p.m. Demonstration: Cooking-WL
1-3 p.m. Event: Meet the grower
3 p.m. Demonstration: Cooking-WL
3:15 p.m. Judging: Grand Champion steer-LA
3:45 p.m. Judging: Junior Beef Showmanship-LA
6 p.m. Judging: Supreme Champion sheep-SA
Contest: PA Auctioneers Bid Calling-NEU, Stage 1
Contest: Championship Pony Pulling-LA
7 p.m. Demonstration: Cooking-WL

## THURSDAY, Jan. 14 *"Sale of Champions Day"*

8:30 a.m. Judging: Dairy Goats (In order: Alpine, LaMancha, Nubian, Toggenburg, other Purebreds, Recorded Grades, Best of Show)-LA
9 a.m. Sale: Junior Market Livestock Champions-SA
9 a.m.-noon Demonstrations: "Family Fun Day" activities-NEU
9 a.m.-4 p.m. Exhibit: Shaver's Creek Environmental Center-NEU
9:50 a.m. Sale: Poultry "Best of Show" winner-SA
10 a.m. Event: PA Farm Show Scholarship Awards Presentation-SA
Judging: Junior Market Goats-LA
10:15 a.m. Sale: Junior market lambs-SA
11:45 a.m. Sale: Junior market steers-SA
1 p.m. Sale: Junior market swine-SA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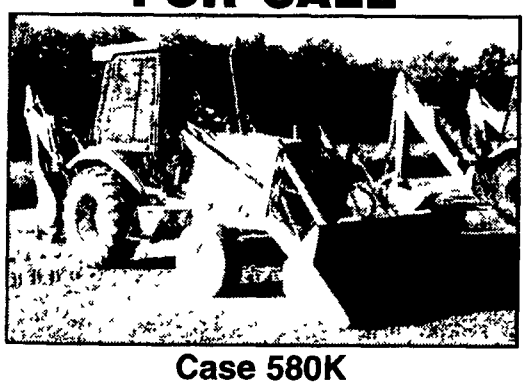
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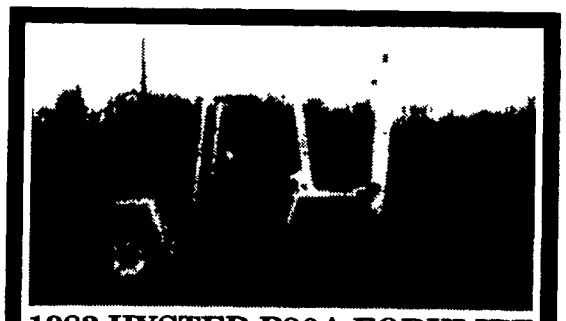
1983 HYSTER P80A FORKLIFT
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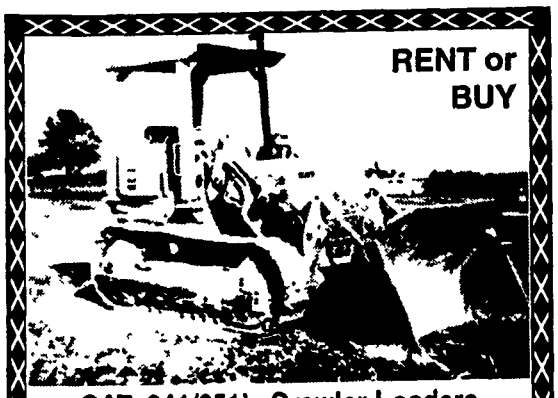
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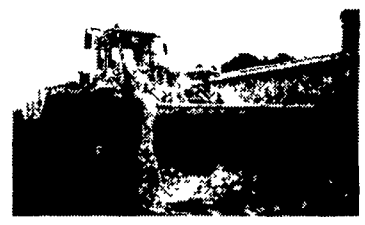
1989 Terex 90C Wheel Loader, 1600 Hours On Meter.....Call

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Case 1455 Crawler Loader, 1987, 4500 Hrs., Cab w/Air, New UC, New Paint.....$26,500

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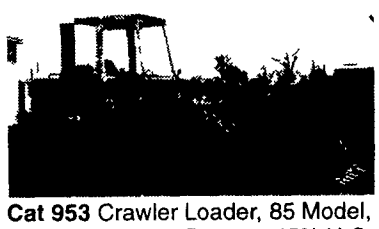

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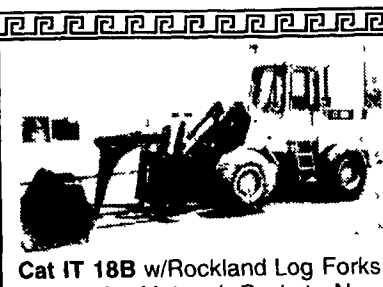

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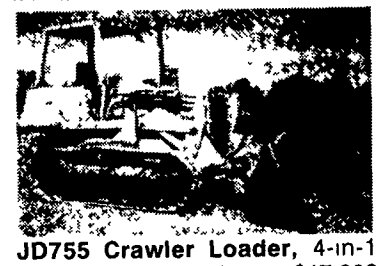

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1 - Farm Equipment
1b - Specialty Farm Eq
2 - Farm Eq Wanted

The following categories are available for your classified advertising in Section D Deadline Wednesday afternoon at 5 of each week s publication

1a-Construction Equipment
3-Silos and Unloaders
4-Building and Supplies
5-Grain Equipment
6-Dairy Equipment
7-Livestock Equipment
8-Cattle
8a-Exotic Animals
9-Horses & Mules
10-Sheep & Goats
11-Swine
12-Artificial Breeding
13-Hog Eq & Supplies
14-Poultry & Supplies
14a-Ratites
15-Feed & Seed
16-Fertilizer
17-Plants
18-Fruits & Vegetables
19-Nursery
20-Lawn & Garden
21-Services Offered
22-Custom Work
23-Help Wanted
24-Situations Wanted
25-Business Opportunities
26-Household
27-Pets
28-Lost
29-Found
30-Computers
31-Notice
32-Miscellaneous
32a-Antiques
33-Recreational Vehicles
34-Autos
35-Trucks & Trailers
36-Real Estate

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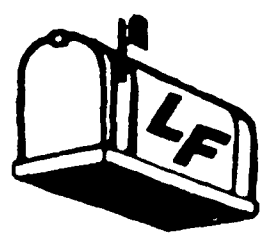


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| Words | 1 Time | 2 Times | 3 Times |
|---|---|---|---|
| up to 11 | 5.39 | 10.78 | 14.52 |
| 12 | 5.88 | 11.76 | 15.84 |
| 13 | 6.37 | 12.74 | 17.16 |
| 14 | 6.86 | 13.72 | 18.48 |
| 15 | 7.35 | 14.70 | 19.80 |
| 16 | 7.84 | 15.68 | 21.12 |
| 17 | 8.33 | 16.66 | 22.44 |
| 18 | 8.82 | 17.64 | 23.76 |
| 19 | 9.31 | 18.62 | 25.08 |
| 20 | 9.80 | 19.60 | 26.40 |

**DEADLINES:**
**SECTION D - WEDNESDAY AT 4:00 P.M.**
**SECTION C - THURSDAY AT 9:00 A.M.**
**OF EACH WEEK'S PUBLICATION**

| | | | | |
|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 |
| 6 | 7 | 8 | 9 | 10 |
| 11 | 12 | 13 | 14 | 15 |
| 16 | 17 | 18 | 19 | 20 |
| 21 | 22 | 23 | 24 | 25 |
| 26 | 27 | 28 | 29 | 30 |
| 31 | 32 | 33 | 34 | 34 |
| 36 | 37 | 38 | 39 | 40 |

**(PHONE NUMBERS COUNT AS ONE WORD)**

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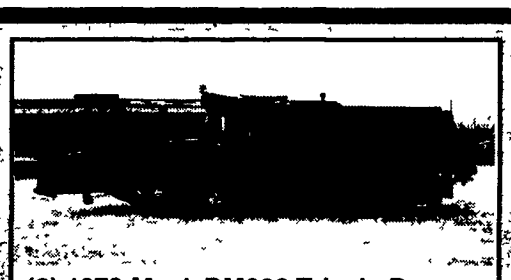

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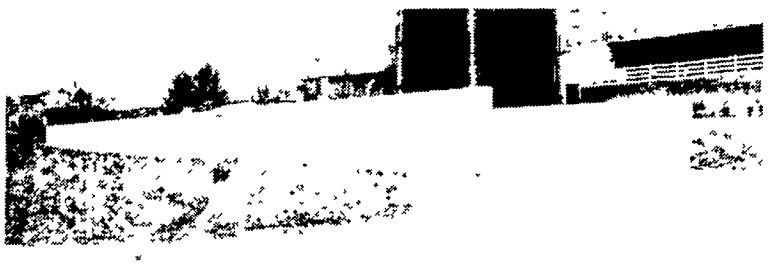

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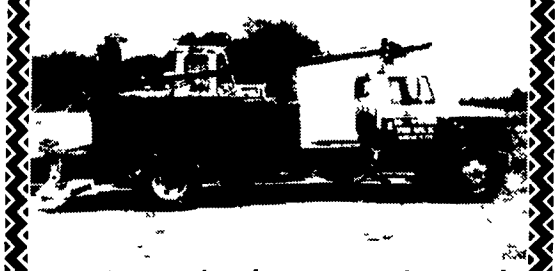

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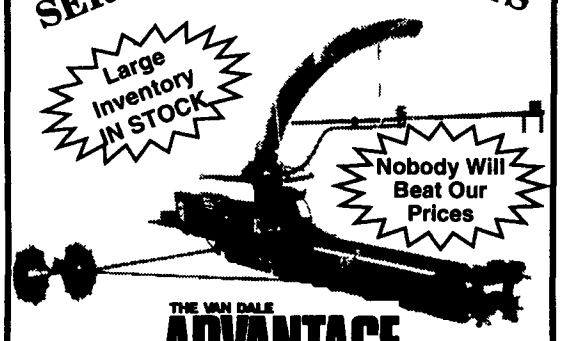
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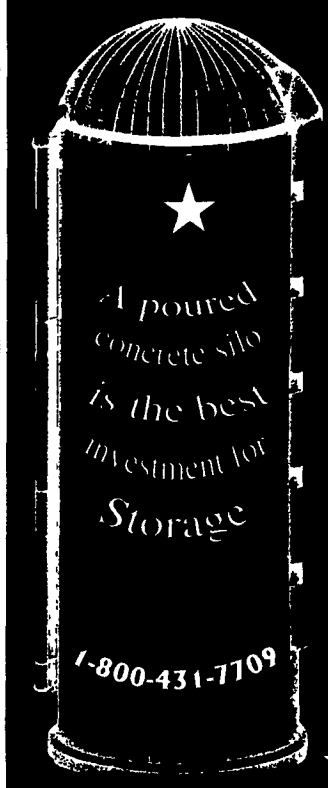
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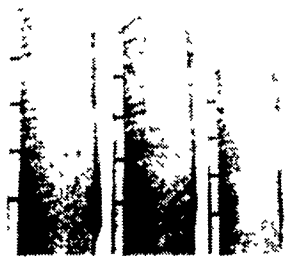
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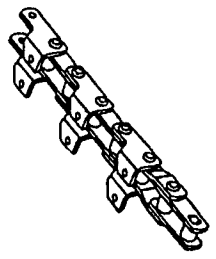
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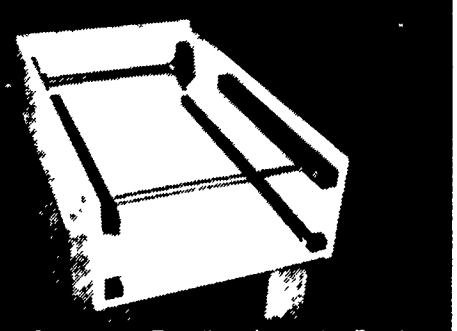

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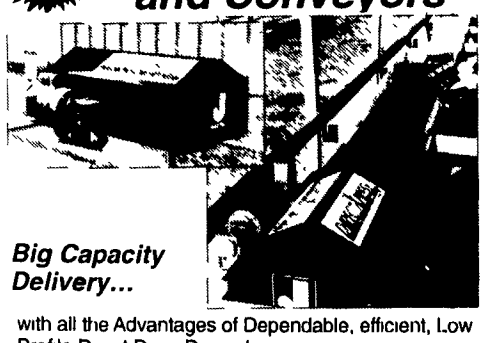

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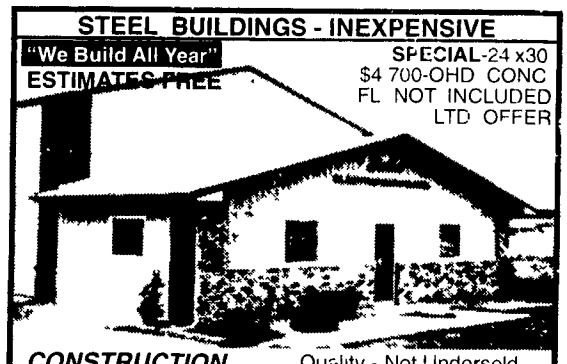

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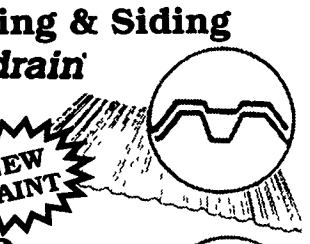

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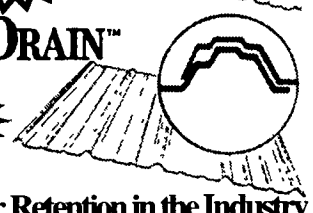

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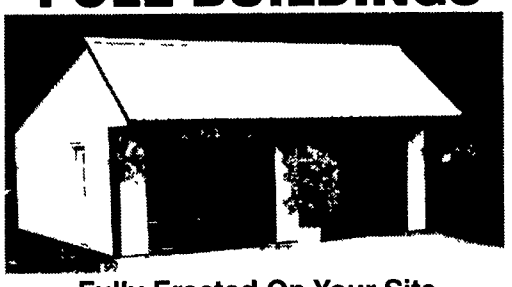

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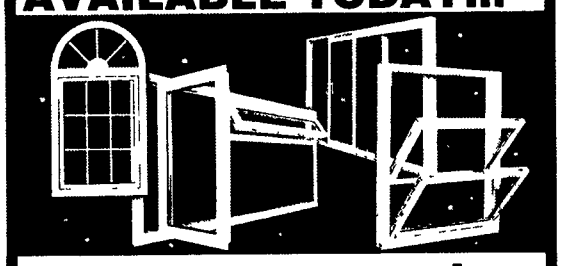

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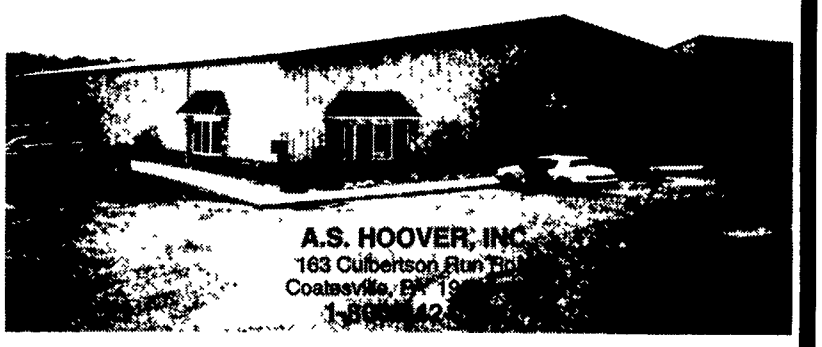


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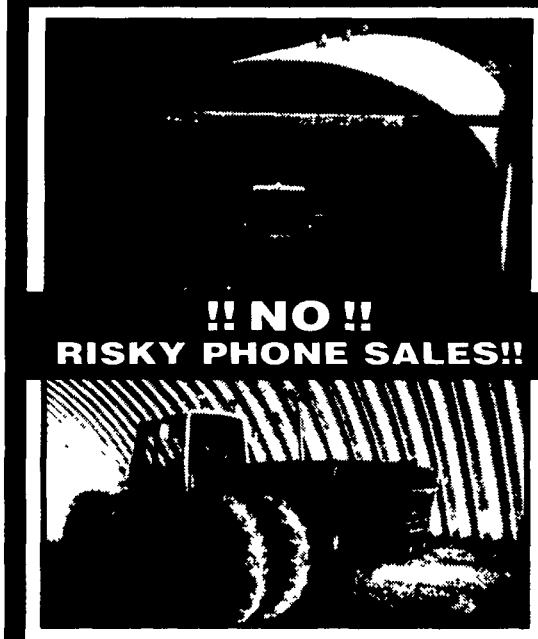


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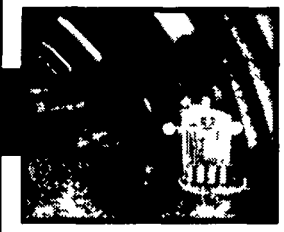

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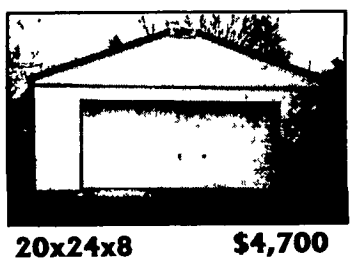
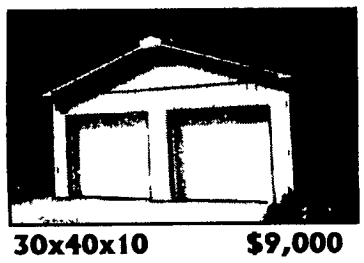
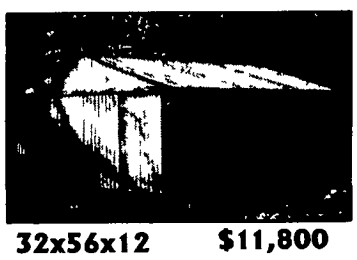


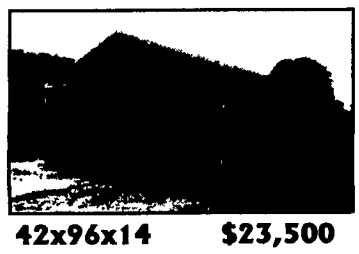
**20x24x8 $4,700**
-(1)3'0"x6'8" steel entry door
-(1)16'x7' insulated raised panel overhead door



**30x40x10 $9,000**
-(1)3'0"x6'8" steel entry door
-(2)9'x8' insulated raised panel overhead doors



**32x56x12 $11,800**
-(1)3'0"x6'8" steel entry door
-(2)16'x12' split sliding doors



**42x96x14 $23,500**
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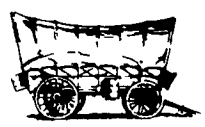

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| 16 | 11' | MS Galvanized | $8.80 |
| 60 | 6' | Galvanized | $5.40 |
| 108 | 7' | Galvanized | $6.30 |
| 19 | 9' | Galvanized | $8.10 |
| 136 | 10' | Galvanized | $9.00 |
| 43 | 10'4" | Galvanized | $9.00 |
| 176 | 11' | Galvanized | $9.90 |
| 320 | 12' | Galvanized | $10.80 |
| 318 | 14' | Galvanized | $12.60 |
| 194 | 16' | Galvanized | $14.40 |
| 68 | 16'2" | Galvanized | $14.55 |
| 80 | 18' | Galvanized | $16.20 |
| 132 | 20' | Galvanized | $18.00 |
| 146 | 22' | Galvanized | $19.80 |
| 180 | 24' | Galvanized | $21.60 |
| 30 | 10' | Bad Galv. | $7.00 |
| 18 | 22' | Bad Galv. | $15.40 |
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| 80 | 11' | White CE | $12.10 |
| 112 | 12' | White CE | $14.40 |
| 24 | 14'8" | White | $16.80 |
| 16 | 10' | White | $12.00 |
| 260 | 14' | White | $16.80 |
| 104 | 15'2" | White | $19.50 |
| 244 | 18' | White | $21.60 |
| 122 | 20'2" | White | $24.20 |
| 52 | 20' | White | $24.00 |
| 72 | 22' | White | $26.40 |
| 32 | 11' | White | $13.20 |
| 54 | 12' | White | $14.40 |
| 78 | 24' | White | $28.80 |
| 58 | 14' | Rev. Run White | $14.70 |
| 80 | 16'2" | Rev. Run White | $18.50 |
| 110 | 18' | Dark Brown | $20.70 |
| 60 | 18' | Brown | $21.60 |
| 64 | 20' | Quaker Gray | $24.00 |
| 100 | 16' | Blue N.C. | $19.20 |
| 18 | 11' | Clay | $12.65 |
| 60 | 12' | Clay | $13.80 |
| 46 | 16' | Clay | $19.20 |
| 120 | 18' | Clay | $21.80 |
| 116 | 20' | Clay | $24.00 |
| 96 | 22' | Clay | $26.40 |
| 72 | 14' | Dark Clay | $16.80 |
| 90 | 24' | Tan | $28.80 |
| 54 | 22' | Tan | $26.40 |
| 10 | 20' | Tan | $24.00 |
| 36 | 18' | Tan | $21.60 |
| 210 | 16' | Tan | $19.20 |
| 250 | 14' | Tan | $16.80 |
| 104 | 12' | Tan | $13.80 |
| 118 | 11' | Tan | $12.65 |
| 60 | 20' | Slate Blue | $24.00 |
| 140 | 14' | Slate Blue | $16.80 |
| 18 | 13' | Slate Blue | $14.95 |
| 180 | 12' | Slate Blue | $13.80 |
| 120 | 11' | Slate Blue | $12.65 |
| 12 | 10' | Slate Blue | $11.50 |
| 20 | 9' | Slate Blue | $9.90 |
| 50 | 7' | Slate Blue | $7.70 |
| 16 | 6' | Slate Blue | $6.60 |
| 8 | 6' | Green | $6.60 |
| 96 | 7' | Green | $7.70 |
| 30 | 8' | Green | $8.80 |
| 42 | 9' | Green | $9.90 |
| 42 | 10' | Green | $11.00 |
| 232 | 11' | Green | $12.65 |
| 36 | 11'6" | Green | $12.65 |
| 354 | 12' | Green | $13.80 |
| 284 | 14' | Green | $16.80 |
| 98 | 16' | Green | $19.20 |
| 26 | 18' | Green | $21.60 |
| 50 | 22' | Green | $26.40 |
| 180 | 24' | Green | $28.80 |
| 390 | 16'2" | Galv. w/Lt. green primer | $13.74 |
| 38 | 14' | Galv. w/Lt. green primer | $11.90 |
| 500 | 12' | Galv. w/Lt. green primer | $10.20 |
| 20 | 11' | Galv. w/Lt. green primer | $9.35 |
| 54 | 16' | Green A.D. | $19.20 |
| 58 | 14' | Green A.D. | $16.80 |
| 200 | 14' | Pebble Beige | $16.80 |
| 220 | 18' | Pebble Beige | $21.60 |
| 120 | 20' | Pebble Beige | $24.00 |
| 170 | 24' | Pebble Beige | $28.80 |
| 100 | 22' | Pebble Beige | $26.40 |
| 20 | 16' | Pebble Beige | $19.20 |
| 10 | 9' | Pebble Beige | $9.90 |
| 26 | 6' | Pebble Beige | $6.60 |
| 180 | 12' | Pebble Beige | $13.80 |
| 46 | 11' | Pebble Beige | $12.65 |
| 5 | 14' | Antique Brown | $16.80 |
| 120 | 12' | Antique Brown | $13.80 |
| 70 | 11' | Antique Brown | $12.65 |
| 20 | 9' | Antique Brown | $9.90 |
| 32 | 8' | Antique Brown | $8.80 |
| 60 | 7' | Antique Brown | $7.70 |
| 20 | 6' | Antique Brown | $6.60 |
| 30 | 6' | Brown | $6.60 |
| 100 | 7' | Brown | $7.70 |
| 68 | 8' | Brown | $8.80 |
| 8 | 10' | Brown | $11.00 |
| 84 | 11' | Brown | $12.65 |
| 202 | 12' | Brown | $13.80 |
| 42 | 12'7" | Dark Brown | $14.40 |
| 28 | 6' | Black | $6.60 |
| 56 | 7' | Black | $7.70 |
| 36 | 8' | Black | $8.80 |
| 38 | 9' | Black | $9.90 |
| 12 | 10' | Black | $11.00 |
| 106 | 11' | Black | $12.65 |
| 180 | 12' | Black | $13.80 |
| 18 | 6' | Red | $6.60 |
| 64 | 7' | Red | $7.70 |
| 26 | 9' | Red | $9.90 |
| 6 | 10' | Red | $11.00 |
| 64 | 11' | Red | $12.65 |
| 174 | 12' | Red | $13.80 |
| 226 | 14' | Red | $16.80 |
| 46 | 18' | Red | $21.60 |
| 52 | 20' | Red | $24.00 |
| 36 | 14' | Red A.D. | $16.80 |
| 8 | 16' | Sandstone | $19.20 |
| 50 | 12' | Sandstone | $13.80 |
| 120 | 11' | Sandstone | $12.65 |
| 8 | 10' | Sandstone | $11.00 |
| 14 | 9' | Sandstone | $9.90 |
| 2 | 8' | Sandstone | $8.80 |
| 22 | 7' | Sandstone | $7.70 |
| 34 | 6' | Quaker Gray | $6.60 |
| 94 | 7' | Quaker Gray | $7.70 |
| 4 | 8' | Quaker Gray | $8.80 |
| 46 | 9' | Quaker Gray | $9.90 |
| 8 | 10' | Quaker Gray | $11.00 |
| 74 | 11' | Quaker Gray | $12.65 |
| 164 | 12' | Quaker Gray | $13.80 |
| 4 | 16' | Quaker Gray | $19.20 |
| 32 | 18' | Quaker Gray | $21.60 |
| 94 | 14' | Lt. Gray #3 | $14.00 |
| 30 | 16' | Pewter Gray | $19.20 |
| 500 Pcs 12' | | Dull. Galv. | $9.00 |
| 67 Pcs 26"x20'4" 2½" Corr. White | | | $14.25 |
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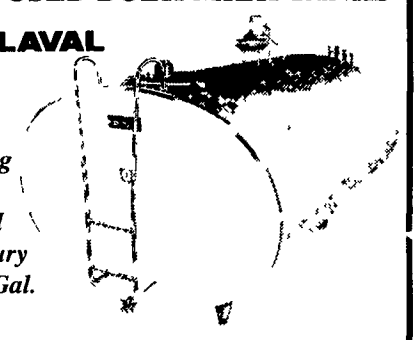

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**Sales & Service**

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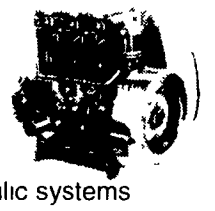

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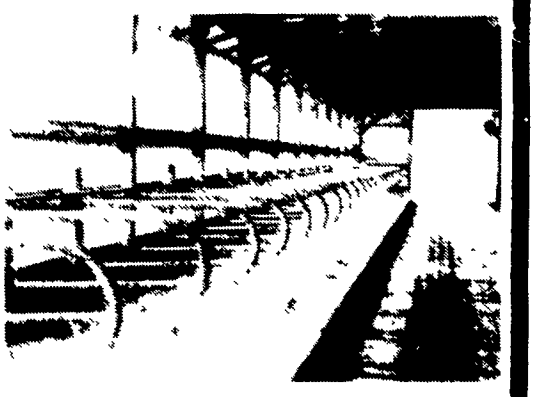

Finished with Baked-on top Grade Polyester TGIC Powder Coated after Fabrication. Greater Cow comfort in shorter stall beds and provides more side Headroom in the Lunge Process

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**2, 2 1/2 & 3" SS low lines for any size barn, all major brands**
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**DeLaval**
Stutterbilt vacuum pump
84 Vacuum Pump, 10 hp
2 Station Challenger Feeder w/50 Responders
24 Super-flow units
24 Delatron Pulsators
78 Vacuum pump
Vacuum pump w/15 hp motor
85 lb. weigh jars
65 lb. weigh jars

**Boumatic**
2100 Computer Stations
20 Flo-Star milkers
Claws pulsators & washer

**Westfalia**
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7 Station Computer Feeder

**Surge**
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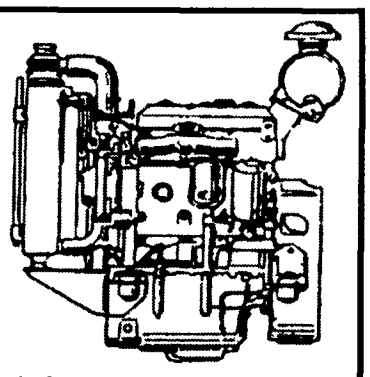

**You will find these diesel engines in tractors, fork lifts, cranes, farm equipment, etc. So why not try one for your dairy, shop or whatever your needs are.**

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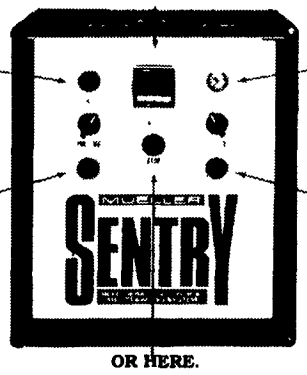
**FOR MORE INFORMATION ON COOLING CONTROL, CHECK HERE.**




**OR HERE** Blue light flashes to indicate which cooling unit are engaged
**OR HERE** Flashing green lamp denotes pre cooling cycl during subsequent milkings
**OR HERE.** Amber lamp shows wash rinse or sanitize cycle
**OR HERE.** Green lamp indicates current agitation cycle
**OR HERE.** Red light flashes when milk is above 43°F or below 35°F

The new Mueller® Sentry™ is the only refrigeration control system that gives you all the information you need to monitor your milk cooling and cleaning functions at a glance And Sentry allows you to control and customize all cycles to fit your milking schedule With Sentry cooling control has finally entered the Information Age

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THE MILK COOLING SYSTEMS SPECIALISTS®

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500 Gal. OH
600 Gal. MHO
700 Gal. OH
(2) 800 Gal. OH
900 Gal. OH
(3) 1000 Gal. OH
2000 Gal. OH

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- 150 Gal Mueller RH
- 155 Gal Sunset
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- 300 Gal Girton
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- 400 Gal Milkkeeper (Self Contained)
- 415 Gal Sunset
- 400 Gal Jamesway
- 400 Gal Mueller
- 500 Gal DariKool
- 500 Gal Mueller O
- 500 Gal Sunset
- 500 Gal Majonnier
- 500 Gal Mueller M
- 500 Gal Mueller OH
- 50[SOLD OH]r
- 500 Gal Girton
- (3) 600 Gal Girton
- 600 Gal Mueller M
- 600 Gal Mueller OH
- 600 Gal Sunset
- 600 Gal Storage
- 600 Gal Majonnier
- 625 Gal Sunset
- 625 Gal Girton D5
- 700 Gal Mueller M
- 700 Gal Mueller O
- 735 Gal Sunset
- 800 Gal Mueller M
- 800 [SOLD OH] D2 (2)
- 800 Gal Girton D 4
- 800 Gal DariKool
- 800 Gal Girton D5
- 800 G[SOLD PA] OH
- 800 G[SOLD OH] OH
- 800 Gal Mueller OH
- 1000 Gal DariKool Late Mo[SOLD PA]
- 1000 Gal DariKool
- 1000 Gal Mueller M
- 1000 Gal Mueller OH (3)
- 1000 Gal Mueller OE (Late Model Nice)
- 1000 Gal Sunset (Rd)
- 1000 Gal Sunset (Flat)
- 1000 Gal Storage
- 1000 Gal Girton D5
- 1250 Gal Storage
- 1250 Ga[SOLD PA]M
- 1250 Gal Mueller OH
- 1250 Gal Girton D5
- 1250 Gal Surge
- 1250 Gal Van Vetter
- 1250 Gal DeLaval
- 1250 Gal Mueller O
- 1250 Gal Storage
- 1500 Gal DariKool
- 1500 Gal Surge
- 1500 Gal Storage
- 1500 Gal Mueller M
- 1500 Gal Mueller OH
- 1500 Gal Girton D2
- 1500 Gal Girton D5
- 1600 Gal Mueller OE
- 2000 Gal Mueller O
- 2000 Gal Mueller OH (2)
- 2000 Gal Mueller OH (Late Model)
- 2000 Gal DariKool (late model)
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- 2000 Gal Mueller M
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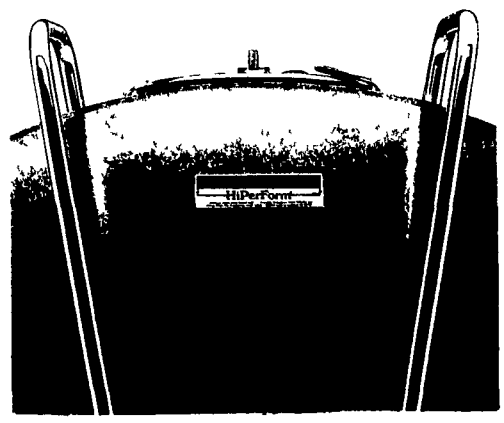


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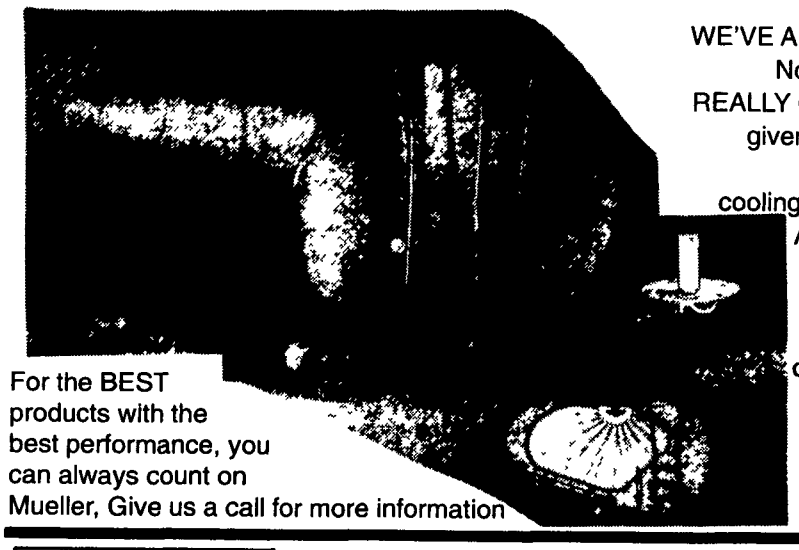

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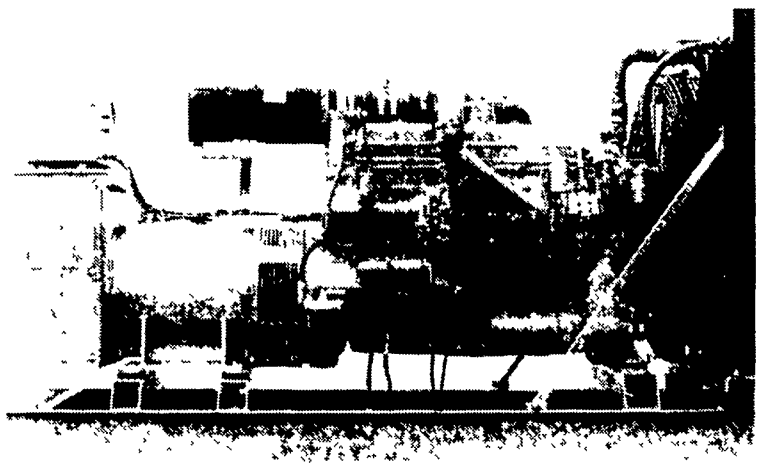

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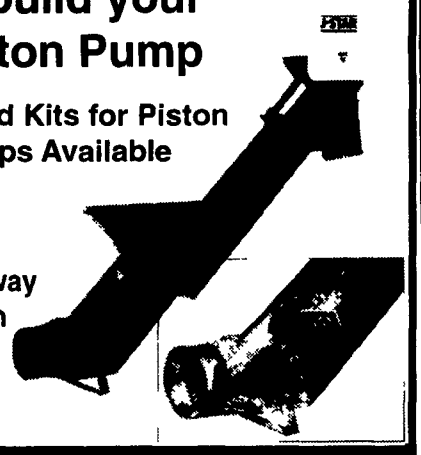

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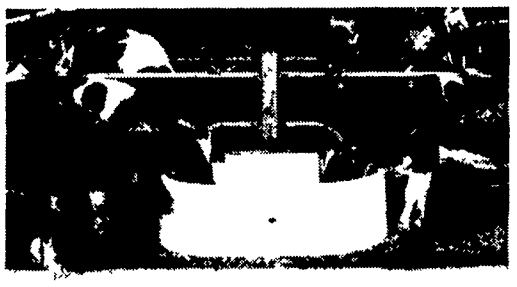

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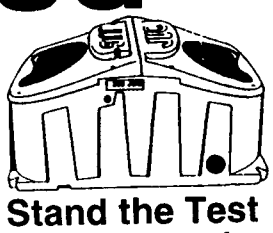

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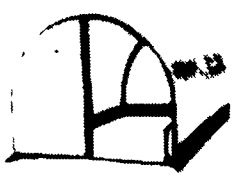

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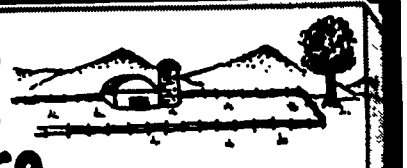

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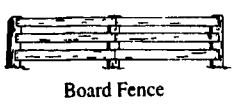

Board Fence
1"x6"x16' Oak & Treated Pine

Slip Board
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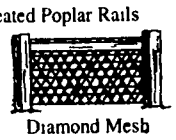

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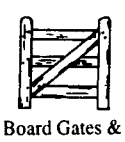

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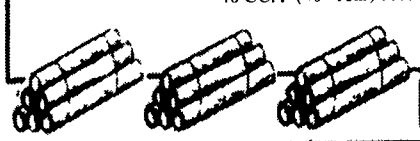

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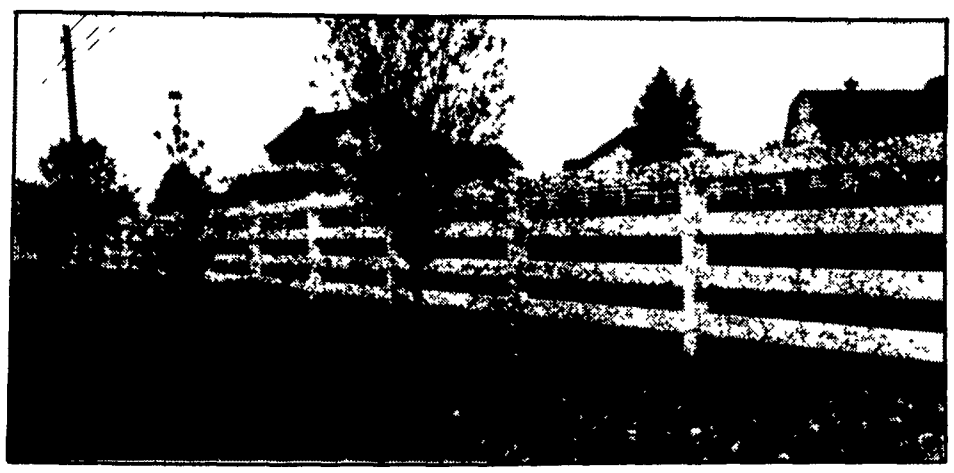

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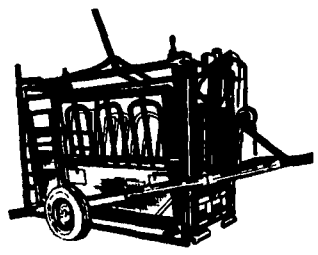

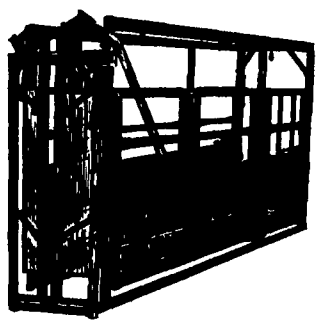

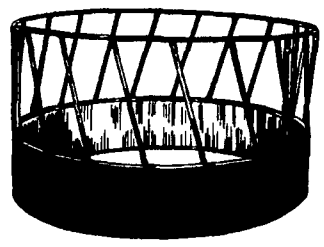

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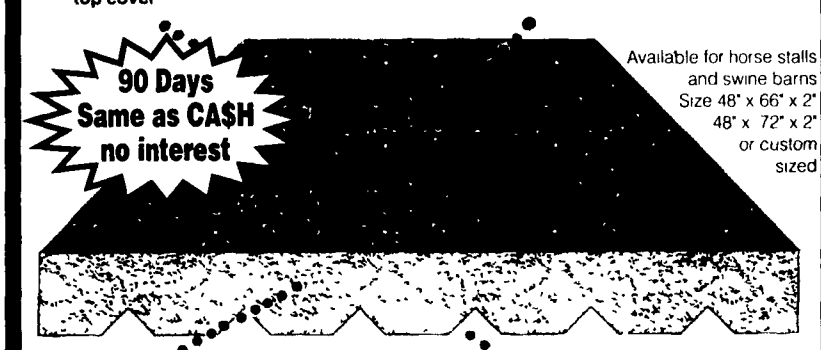

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Ideal for flat floor installations

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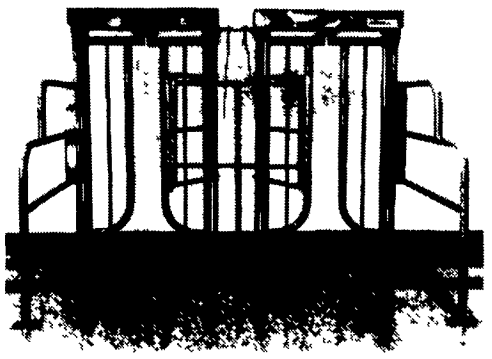

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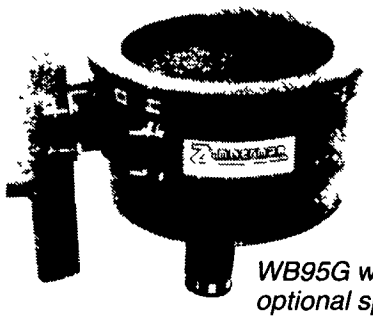
### Bring Your Cows to the Super Bowl!
Increase milk production naturally!



*WB95G with optional splash guard*

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- *Unbreakable PVC construction.*
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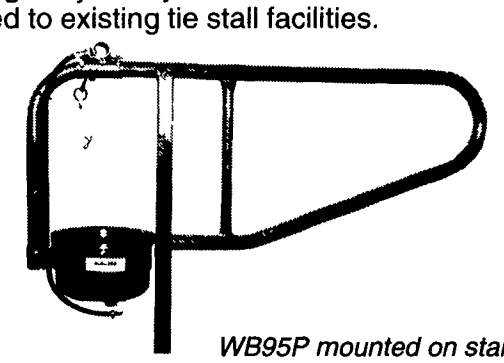
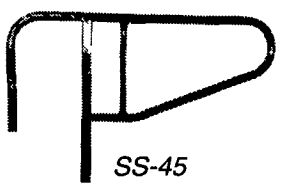
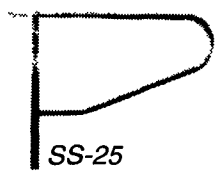


*WB95P mounted on stanchion*

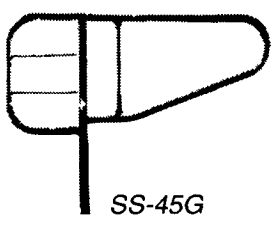
### Suspended Comfort Stalls
### Install the Best!
### Durable • Dependable



*SS-45*



*SS-25*

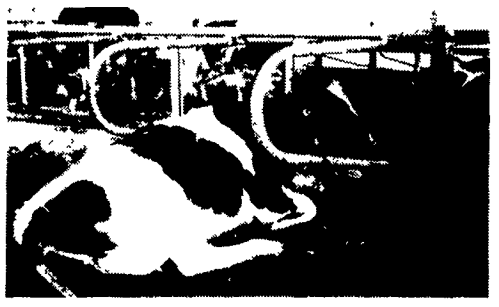


*SS-45G*

- *Increased cow comfort.*
- *Powder coated surface stays cleaner.*
- *Easy access.*
- *Adjustable tie rail.*

### Loop Stalls
- *Super tough finish- chip resistant!*
- *Resists acid & chemicals.*
- *Powder coated finish stays cleaner!*
- *Protection from rust.*
- *Superior Electrical Insulation.*

### Wide Front Loop Stalls
- *Most versatile of all stall designs.*
- *Greater cow comfort & ease of entry & exit.*
- *Generous lunge space between top & bottom of loop.*
- *2 3/8" outside diameter high yield steel tubing & 12 gauge wall.*



All metal parts are spray
of the 2 Coat Zimmer
to assure you of equi
that is resistant t

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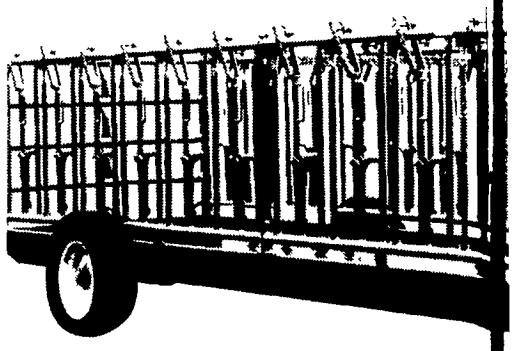
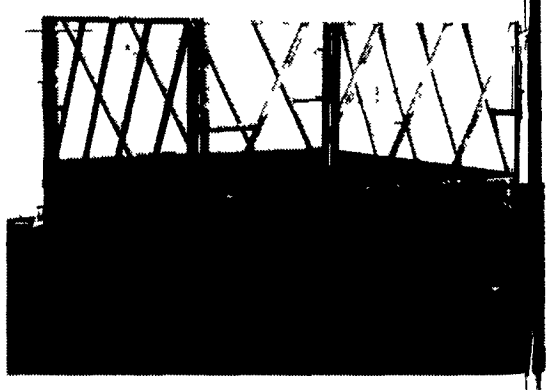
### Feeder Wago
This feeder with Zimmerman ad
months or older. The headlocks are
with an a



*Advantages: Zimmerman headlocks*
- *Double coat finish.*
- *Spring loaded neck bar.*
- *Individual lock on each yoke to restrain each animal separately.*

*Ad*
- *15*
- *2*



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**717/726-6760**

**Dairyland Sales & Service**
Troy, PA 18947
**717/297-4128**

**Arthur Detweiler**
Danboro, PA 18916
**215/348-3117**

**Fork's Equipment**
Easton, PA 18040
**610/252-8828**

**Hess's Equipment**
Mifflinburg, PA 17844
**717/966-1998**

**Ickes Farm Supply**
Osterberg, PA 16667
**814/276-3422**

**Histand's Farm & Home Service**
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**717/744-2371**

**Hursh Farms**
Martinsburg, PA 16673
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Paul B. Zimm

**1 Mile West of Ephrata • Hours: Monday through Frid**

# Steel Barn Equipment

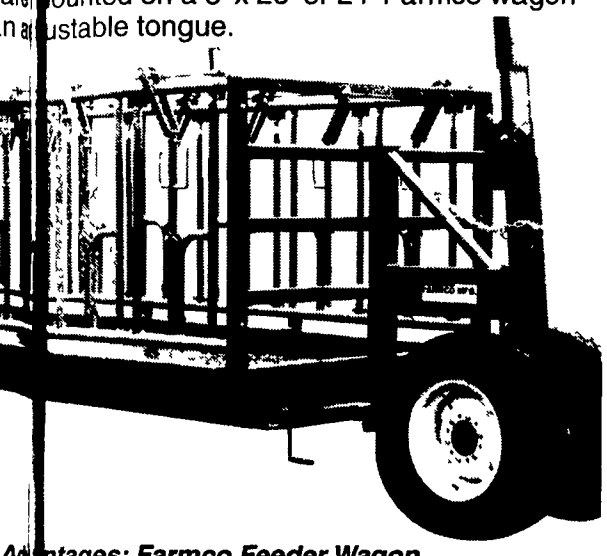
## erman INC.

**ay c welded and have the benefit**
**erman Powder Coating Process**
**qui ment with a durable finish**
**t to chemicals & weather!**

## Feeders

### go with Headlocks

adjustable headlocks is ideal for animals 10
are ounted on a 5' x 20' or 24' Farmco wagon
an adjustable tongue.



***Advantages: Farmco Feeder Wagon***
***• 15 implement wheel with 6 bolts.***
***• 2 jacks on front corners for added stability.***

### Hay Bale Feeders

Finished with our durable powder coating process, these feeders are available with 4', 5', 6', 8', & 10' panels.

***• Feed big round & regular bales or stacks.***
***• Heavy duty construction of 1/8" formed steel channel and 1" sch. 40 pipe.***
***• 14 gauge sheet metal around bottom reduces hay loss.***

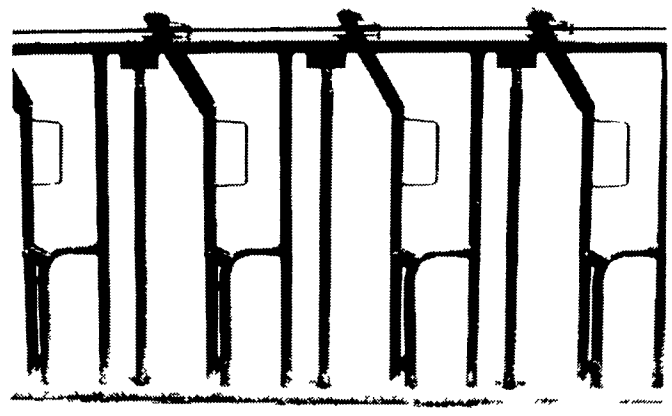
### lu With Our 2 Coat Process!

tep metal preparation, including iron phosphate
rsio coating, to enhance adhesion & prevent undercoat
ron
ich oxy powder undercoat.
pol ester powder top coat, baked at 400° to fuse coats,
g a ross link molecular bond

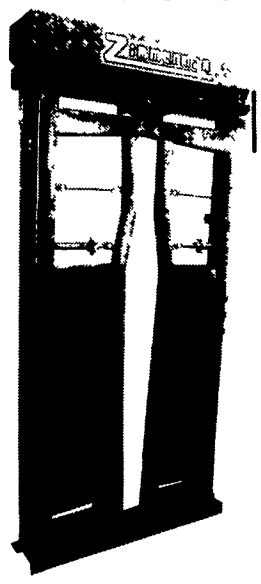
## Cattle Handling Equipment

### Headlocks

- ***Extra heavy construction.***
- ***All yokes have individual locks.***
- ***Easy in, easy out.***
- ***Available in 3 sizes to meet all your needs.***



### Automatic Headgate

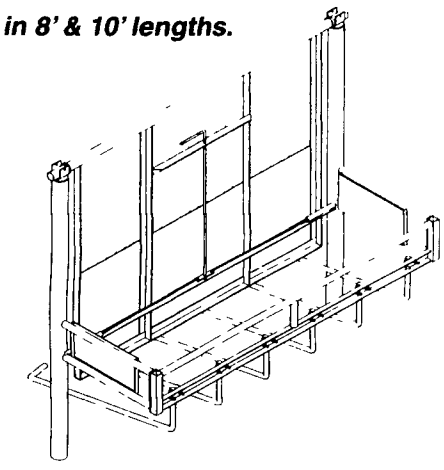


***• Full roof cover for outdoor protection.***
***• Heavy duty latch for positive locking.***
***• Double linkage for extra stability.***
***• Quickly & easily adjusted from 5" to 7" for animal neck size.***
***• Handle assists manual operation for slow or horned cattle.***

### Manure Push Off Guard

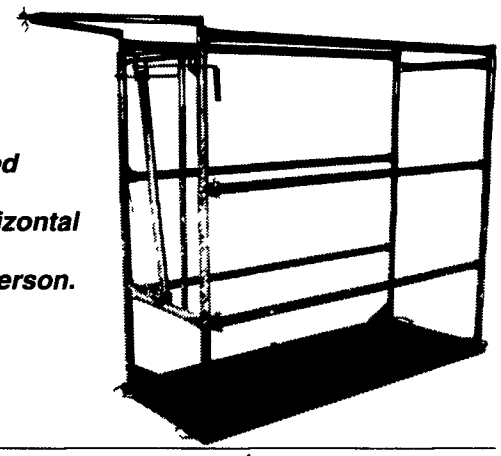
For both tractor & cattle.

***• Available in 8' & 10' lengths.***



### Grooming Chute

- ***Keeps animal's head safely & comfortably in desired position.***
- ***Shipped with 4 bars, allowing optional vertical, horizontal or combination configuration.***
- ***Quickly & easily assembled & disassembled by 1 person.***
- ***Expanded metal flooring reduces slipping.***



### Gates & Fencing

Manufactured to last, with our 2 coat finish that resists chemical corrosion, chipping & stays cleaner, longer!

***Standard heights:***
***• 4 bar- 38" high.***
***• 5 bar- 48" high.***
***• 6 bar- 54" high.***

**Local Dealer Today!**

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**Rovendale Ag & Barn Equipment**
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**Somerset Barn Equipment**
Somerset, PA 15501
814/445-5555

**Tim Wallace**
Marion Center, PA 15759
**412/397-8931**

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**717/776-5951**

**Zimmerman's Farm Service**
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**717/933-4114**

erman INC.

**da 7- 5; Saturday 7-11 • 295 Woodcorner Rd. • Lititz, PA 17543**

## 7 LIVESTOCK EQUIPMENT

**C&F Co.**

**CARNEY CATTLE & FENCE CO.**

***Specializing in fence for cattle & horses**
-High tensil fence
-Single and double top rail
-Board fence

***ROHN AGRI Products**

Daniel Carney 710 Back Road
1-800-498-0777 Gallitzin, PA 16641

10 Holstein steers, 1100-1200 lb. avg. 8 Angus steers, 1100 lbs. 717-485-4020 after 9pm

50 Close Up Heifers due within 2 weeks; 50 due within 30 days; also good tie stall herds available. Joe Distelburger, 914/343-1726.

5 Holstein cows due to freshen soon w/2nd & 3rd calf. All good size. Out of good herd. Will deliver. 717/328-2235.

6 Buffalo heifer calfs 814-832-9185

75 Holstein herd, pick 30-40, DHIA records, A-I breeding. 717-627-0882

7 Hereford cross cows, bred to Reg. bull. All will calf next 90 days. All farm born, gentle. Berks. 610-296-7536

Angus Bulls, Cows & heifers for sale. Stump Acres 717/792-3216 York County.

Attention Cattle Feeders! I provide order buying, service & trucking. Denzil Helshman 540-465-5785.

Buyers = Sellers of Livestock -- Be sure to check the advertisements for cattle in the Lancaster Farming. You'll get results! 717-394-3047 or 717-626-1164.

## 8 CATTLE

Farm Show Club Calves for sale: born June-Aug 1998, high quality, cross and short-horns. Can deliver to Farm Show in January. Contact Jeff Miller, Cutler, IN, (765)268-2409.

Feeder & Breeder Cattle: Steers & heifers, reg. polled Hereford herd, good EPD's, 550-650lbs. 610/384-6025.

Feeder Cattle, 7-head, 800# avg., Angus Cross & Limousin. Franklin Co. 717-328-5384 after 5pm

FOR SALE OR LEASE: Registered Holstein Bulls by popular sires; dams records to over 30,000M. Many to choose from. Berks Co. Stumpland Farms 610/488-1965.

FOR SALE: Reg. Holstein bull, 2½ years, dam EX90 w/24,000, 1,000F, next four dams all excellent, have calves on farm from him. Can deliver. (717)599-5818.

Grade and Registered Holstein Heifers, also Canadian Herds. For further info, (717)671-5990.

Holstein service age bulls, 1 Lineback. 610-286-6007

Holstein heifers, 7. all due to freshen soon, good size, out of good herd. Will deliver. 717/328-2235.

Large Dairy Wants To Buy Holstein Heifers, due within 3 months. 410-358-0412.

LIMOUSIN CATTLE/ FULLBLOODS: Heifers and bulls of all ages. Westminster, MD (410)857-0176.

Need Milk? Select 20 out of 90 cow dairy, DHIA 22,273#, no BST. Low SCC. 315-784-5554

PUREBRED GUERNSEY HEIFERS, 1 due now, 1 due in 60 days. 717/637-7586.

Reg. Black Angus, 5 bred cows, 5 heifers, bull. 410-969-9324

Reg. Holstein bulls. All sizes and ages, from Premier cow families of the holstein breed. Arlen H. Keener 717-285-7426

Registerd & Grade Holstien Bulls Ready For Service.; (1) Jersey Bull Ready for Service. (717)284-4618.

Registered Limousin Bulls, Black/Red. Polled Calves to 2Yr Olds. Good Bloodlines. DOUBLE-B GRAIN FARM (717)463-2280.

Registered Holstein bulls, any age. Dams records up to 30,000 milk, 1,200 fat Stump Acres, 717-792-3216, York County.

Registered Texas Longhorns: bulls, heifers, cows. Reasonable prices. (717)637-3090.

**FOR SALE**
Open Shortbred and Springer Holstein Heifers
**717-789-3003**

**DOVE CREEK**
LIVESTOCK&MACHINERY TRANSPORT
LONG DISTANCE OR LOCAL
**717-485-9338**

**BULLS**
**We have service age bulls, and younger available. We specialize in choosing the right bull to fit your breeding program, focusing on type, longevity and production.**
**WELK-CREST HOLSTEINS**
**Matthew T. Welk**
**717-548-2597.**

BULLS • BULLS • BULLS • BULLS • BULLS • BULLS • BULLS •

**On Sale .99¢ Per Lb.**

WORSELL MANOR FARMS REGISTERED ANGUS

| | |
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| Maternal Traits | On Sale |
| Growth Traits | On Sale |
| Easy Calving | On Sale |
| Plenty of Muscle | On Sale |
| Gentle Disposition | On Sale |

**Bulls From 600 Lbs.**

To enable everyone to use our genetics to improve their herds, we are selling some of our bulls for a limited time for 99¢ per Lb

Take this opportunity to visit us and choose the bull to fit your needs ***FREE DELIVERY***

*Bred Cows & Heifers for Sale*

**Please Call Ed**
**Days 888-517-7045**
**Evenings & Weekends 410-275-1239**
**Worsell Manor Farm, Warwick, MD 21912**

BULLS • BULLS • BULLS • BULLS • BULLS • BULLS BULLS •

**Float - a - Cow**
**LEE-MAR FARM**
2724 Conestoga Creek Rd
Morgantown, PA

**610-286-9052**
*Sales & Rentals*
**Give Your Down Cow Her Best Chance**

**Fresh and Springing cows and heifers. Reg. and grade. 300 on hand. Perry Co.**
(717) 789-3241

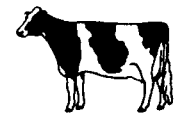
**WANT Worn Out and Crippled Cows**
**(717) 789-3689**

**Always Wanted complete Dairy Herds**
**Have Immediate Buyers Waiting Give us a call also groups of open and bred heifers.**
***Quality Herds for Sale at All Times***
**Happy Hollow Farms**
**John H. Wetmore**
**717-253-5329 house 717-253-6995 barn**
**717-470-3364 car**

# *Susquehanna Valley Dairy Sales*

Quality Holsteins • Registered and Grade

**OMAR SMOKER • NATHAN SMOKER**
1198 Rawlinsville Rd.
New Providence, PA 17560
272 S. of Lancaster - 4 Miles
Phone (717) 284-3562
Mobil (717) 468-1561
Fax (717) 284-3431
Right on Miller Rd. - Left on Rawlinsville Rd.



*We at Susquehanna Valley Dairy want to thank all of our customers for making 1998 another very good year. Listed below are a few we have been privileged to work with.*

1. **CUSTOMER OF THE YEAR - Rodney Metzler Family, Pleasant View Farm, Martinsburg, PA**
2. **Most Improved Herd of the Year, - Mervin Burkholder, New Holland** - moved a herd from Vermont in October milking 60 lbs. At his farm in New Holland in December they were right at 80 lbs.
3. **Calvin Zimmerman & Jacob Stoltzfus** - split a herd from Maine. One of Calvin's cows, a 3 year old Mascot was Grand Champion at the Ephrata Fair. Jacob's herd is doing extremely well.
4. **Matt Stoltzfus, Gap** - bought a herd of 39 cows in Vermont in 1997. 17 Months later he had culled only 3 cows. He bought no replacements and his heifers will soon be calving.
5. **Jim & Sharon Nichol, Nottingham** - bought a herd in New York in January, 4 months later Jim was driving around in a new pickup.

**HERDS FOR SALE:**

1. **Pick 37 from a herd of 72,** all registered, 24,000 DHIA, 100,000 SCC, 33 first calf, Sires are Jurist, Merrill, Zebo, Leadman, Mascot, Polo, etc.
2. **88 Cows, 12 Springing Heifers,** 100 head total, pick 80, 19,000 DHIA, 200,000 SCC, all AI, 16 cows & 12 heifers due in the next 60 days, 18 cows fresh the last 60 days. Milked in tie barn & housed in free stall barn.
3. **49 Cow Canadian herd** - all reg., 17,500 DHIA, currently milking 60,000, top Canadian bulls.
4. **25 Jerseys due to calve in April 1999**, all coming with either 1st or 2nd calf.
5. **45 cow reg. Jersey Herd** - 13,200 DHIA, 5.5% B.F., 4.0% Pro., 1 Year ago the herd was at 14,500 DHIA. 30 first & second calf.
6. Plus 25 Springing Heifers, AI sired, some are reg. including a Jed daughter with VG Lindy dam, G. dam VG Starbuck, 3rd & 4th dams VG, 12 heifers from Canada, 8 are reg.

**We wish all dairy farmers a very prosperous 1999.**
**III John 2**

# AGRI-SAFE

**ATTENTION RANCHERS, LIVESTOCK PRODUCERS, AND DAIRYMEN!**

Are you looking for an **alternative** to using **chemicals** for **total parasite control?** How about an **all natural** product that is completely **safe** for all **livestock:** cattle, horses, sheep, goats, pigs, poultry, exotics, ratites, etc. Also **safe** for pets!

Users state that our product has **dramatically reduced** the **use of chemicals** for **control** of **internal & external parasites!**

Daily use by many users has seen an absence of bloat, colic, coccidiosis, acidosis (founder), mastitis, lice, heel flies (grubs), horn flies, ticks, fleas, blow flies, and house flies. Also aides in **feed conversion** and is an **excellent mineral source.**

**For more information**

**Call Days: 888-765-2220**
**Evenings: (610) 756-3412**

**AGRI-SAFE Of The Northeast**
**Melvin & Elaine Schumaker**
**Your local AGRI-SAFE Distributor of Food Grade Freshwater Diatomaceous Earth**

SEE US AT THE PA FARM SHOW, BOOTH 622, Main Floor

## 8 CATTLE

Reg. Polled Hereford bred cows and yearling bulls. Cows are bred to top sires in the industry. Priced to sell! 717-866-4185

Reg. Polled Hereford Cows/Hiefers. Very Good Seedstock, Open/Bred Carlisle, PA 717/249-8694 Kleinfarm@aol.com.

Reg. Service Age Holstein Bull: Dam EX91 2E 32,870 3.9 1288 3.7 1226, next 3 dams VG or EX w/top production. Other bulls available. 717/548-2597.

Service age registered Guernsey bull, $600, nice. Materal dams over 30,000M, classified excellent. Deliver anywhere. Pleasant View Farm Dairy (717)369-5228.

Small herd, purebred gray Brahama, very gentle, reasonable. 410-969-9324

Springer Holstein heifers. John B. Stoltzfus, 06 South Groffdale Rd, Leola, PA.

WANT: 500-800 lb open Holstein heifers. (814)542-2102 or (814)542-9507.

WANTED TO RENT FACILITIES TO FINISH 200-500 STEERS. Feed provided. Lancaster or York counties. STAR ROCK FARMS 717-872-4058 717-872-2065

We raise Texas Longhorns for cattlemen who want the best and know the difference. Cattle for sale at all times. 717-334-4136 717-334-4908

**Small Herd Of Jerseys,**
Registered And Grade. 7 Milking, 1 Dry Due On February 1, 1999. 12 Heifers, 2 Holsteins, 2 Holstein-Jersey Cross, And 8 Jersey All Ages. One Registered Jersey Bull.
**(814) 743-6650**

**WANTED**
Dairy Cows or Heifers, all ages, registered or grades
(610) 286-9096
(717) 656-8420
Leroy Smucker
No Sunday Calls

"All White" Spraying

**E&E Barn Spraying**
Introducing "All White" barn spraying.
Easy clean up.
Compatible with fly sprays. Disinfects.
Washes off windows & pipelines with ease.
**717/949-3212**

BOARDING HEIFERS
We farm approx. 2500 acres
Heifer calves on milk $1.50/per day
Weaned heifers $1.20/per day
We breed A-I Jersey or Holstein Bulls
Room for approx. 300 more heifers
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**FOR SALE**
75 Springing Holstein Heifers
Top Quality. All Shots & Wormed
**(814) 542-2102**
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WANTED Dairy Cattle Heifers, Cows, Bulls and Complete Herds
*If You Have'm We Need'm*
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**HIGHLAND CATTLE**
Reducing Herd Size, Top Quality, Unrelated, Registered Bulls, Cows & Heifers In A Variety of Colors & Ages
**Call (732) 303-0902**

- 20 Holstein Heifers
- Due December & January
- Good Size & Udders
- Will sell 1 or all
- FREE delivery

**Pleasant Hill Farm**
**James E. Horak**
**717-637-7586 anytime**

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**LIVESTOCK HAULING**
*Also*
**DOWN & CRIPPLED CATTLE REMOVAL**
*Covering Berks, Chester, Lancaster and Parts of Lebanon Counties, PA*
**1-800-789-COWS (2697)**
*Calls the night before appreciated!!*

## 8a EXOTIC ANIMALS

**WINDING CREEKS FARM**
**Miniature Horses**- Black weanling filly, tiny young male
**Miniature Donkeys** - Little Jennies & Jacks
**Pygmy Goats** -Cute Little Bundles of Joy
**Llamas**-Beautiful young females & males
**Highland Cattle** -Nice Selection
**Rag Doll Kittens** - The Living Dolls!
**Transportation - Lebanon**
**717/865-4473**

## 8a EXOTIC ANIMALS

*Log Cabin Llamas*

David & Flo Harnish
717-733-1700
117 Valley View Road
Ephrata, PA 17522
*Large Number of Llamas For Sale*

Spotted Donkey, 42 inches, Jack, quiet, gentle and rides $400. Sorrel horse colt, gaited 18 months, 14 hands, $4450. 717-582-3898

Standardbred mare, 8 year old, 15H, traffic safe, sound, holds hard, $1300. 717-445-5657

Three Horses for sale: Two Morgans, six and seven years old, one Saddlebred, seven years old, ready to go. Two year old carriage, top condition; also portable Lincoln welder, 220 amps, good condition. Chester County. Call leave message, (610)998-0330.

## 9 HORSES & MULES

7 year old Standardbred Trotter, safe, sound, needs work, carriage horse, $2250; 5 year old Standardbred Trotter, safe, sound, carriage horse, ready for road, $2450; 8 year old reg. Haflinger gelding, 56", broke to ride & drive, $1950. 717/786-3915.

Black/White Pony, Gelding, Child Safe $850. (717)649-5096.

Dapple grey mare 17-hands, kid broke, bred to black and white draft. Reg. black Percheron stallion, 17.3-hands great disposition, both horses are 7/yrs. and broke to all farm machines. Joseph Z. Glick, 1751 Div. Hwy, Ephrata, PA 17522.

Double Registered Black/White Mare, Rides & Drives, Show Quality. $4,500. (717)649-5096.

FOR SALE; Team of Grade Belgian Geldings. Broke The Best. Road Safe. Sell With or Without Good Nylon Harness. 814-887-2332.

Gaited Horses- Kentucky Mountain horses, Tennessee Walker, Spotted Saddle, Gaited Mules. Closed Sundays, SPOTTED FEVER FARM 717/582-7831, Fax-717/582-8808.

Holiday Special: Miniature donkeys-- fouls and adults-priced to sell. (609)825-6011.

Morgans for Sale. 9 month old stud colt, chestnut w/ white blaze, $1500. Filly 1½ years old, bay w/white star, $1300. 10 month old stud colt, chestnut w/white star, $975. 717-768-0258

Saddles, 15" tan, 14" dark Billy Royal Silver show saddle. 717-284-3012

(2) registered Hafflinger yearlings, (1) colt and (1) filly, draft type, chestnut, both parents on premises. Also (1) 4 year old gelding, rides and drives. L&E Farm, (610)754-9799.

3 Belgian stud colts, approx. 9 months old. Percheron stud colt, 8 months old. 5 year old Belgian cross. 7 year old Belgian work horse. 4 year old Percheron horse. Coming 2 year old Percheron mare. 717-786-3394

5&6 year old Blonde Belgian geldings, half brothers, BIG, works anywhere. Steven Fisher, Lincoln University, PA 610-869-4477

5-6 year old Standardbreds, traffic safe and sound, classy trotters, ready for trips. Call from 6-7pm, (717)354-5113.

5 year old Standardbred trotter, solid build, good driver, ready for lots of miles $1,575. 8 year old Morgan, really classy, 14.3H, lots of spirit, good driver, also excellent rider, 100% sound, $1,475. (717)442-9432 (717)442-4196.

**Mules From**
**Roy Epperson from Virginia**
**540-251-5779**
**2 Loads of top quality mules Broke & green broke**
**Jonas S. King**
**122 Krantz Mill Road New Providence PA 17560**
**717-786-7990**

MULES FOR SALE
2 Pair coming 4 year olds, blondes, broke, 17H
1 Pair coming 3 year olds, blondes, broke, 16 2H
6 Pair coming 2 year olds, unbroke
3 Pair coming yearlings
Most mules Mollys, some worked on Amish farm
**Ivan K. Stoltzfus**
199 Shirktown Road, Narvon, PA 17555
**717/445-5956** *Ask for Ivan*

**PTS**
**PIERCE TRAILER SALES**
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Teeth Floating, Wormer
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**Jack Russell Stud Service**
Exceptional Color and Confirmation, Outstanding Temperment
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**KELSO MULES**
**Buy/Sell/Trade**
We keep on hand year-a-round big draft mules
Pairs, singles, broke & unbroke If you need a mule, give us a call! We want to work with you
Satisfaction guaranteed
3 Pair of Acclimated Mules For Sale
**Johnny Kelso & Sons**
**502-435-4229 1-800-897-4162**

**Rubber Mats**
4x6, 3/4" thick
(not used belting material)
**Special $35/per mat**
*Call for quantity price & pickup*
See us at New Holland Sales Stables Every Monday
**717-334-7282**
**Black Hills Horse Equipment**

**BIG DRAFT MULES**

Pair coming 2, blonde sorrel, nice, $2,500
**Annual Mule Sale**
March 5, 1999
New Holland Sales Barn
Again will be hitching 20 mule team morning of sale.
Consignments Welcome. Please get them in top shape now. Get them wormed and their teeth fixed. If you're looking for mules, the special mule will be there for you!
PAUL SMUCKER (717) 299-3721

**TENNESSEE MULES**

**By Malcolm Jessup**
**at**
**Henry Kauffman's Mule Pen**
**717-529-6952**
**Leave Message or Malcolm Jessup**
**615-563-5812**
**(Will Take Trades)**

EBY Trailers
USED HORSE TRAILERS
**1994 Eby**
6 Horse Head to Head Gooseneck w/Tack Room, Aluminum, Sharp!
**1990 Gore**
3 Horse Slant Load Rear Ramp & Side Ramp, w/Dresing Room, Aluminum
**1992 Gore**
3 Horse Slant Load Gooseneck w/Rear Ramp, Aluminum
CALL MIKE AT 800-292-4752

150 head

**MULE SALE**
**Feb. 3, 1999**
**Mules to be hitched at 8AM**
**SALE Begins 10AM**
**At Jonas S. King Farm**
122 Krantz Mill Rd., New Providence Pa 17560
150 head

If you are looking to sell big strong mules, please call (717) 354-6431. If you are looking for good big acclimated mules don't don't miss this sale!
Terms by:
**JONAS S. KING**
**(717) 786-9990 AT 8:00 AM**
All Advertised Items Subject to Prior Sale
Cash or Honorable PA Check Only
All Announcements Sale Day Take Precedence Over All Advertising
Not Responsible for Accidents • Food on Premises
**Auctioneer: Mel Hoover**
**AU-003111-L**
**717-354-8397 Home or 717-354-6431 Barn**

## 9 HORSES & MULES

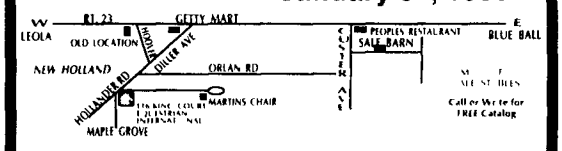
**Inventory Clearance Sale**

**15% OFF**

**All Saddles In Stock**

- Thornhill
- Circle Y
- Dakota
- Canyon Rock
- Rocking R
- Charlois
- Tex Tan

Sale Ends January 31, 1999

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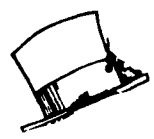

GLITTER LITTER - March Duroc Gilt 13-5 Bred To The Glitz! This Gal Sired By Nathan 79-9 Out Of The 1998 Grand Champion Of The Pa Farm Show Co-owned With Buffalo Valley Farm Due 2-8-99, Timed Perfectly For Competitive Shows This Summer With A Super Crossbred Litter (Hamp) By The Glitz - The 1998 KILE Res Champion Mutually Selected By H Holloway, J Parlett & D Holloway As The Ideal Club Pig Sire Of The Future!

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catalogs available at ringside or by contacting auctioneer

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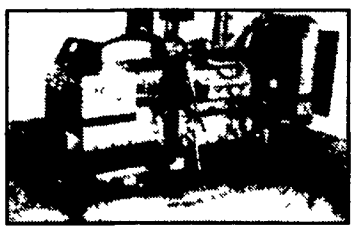

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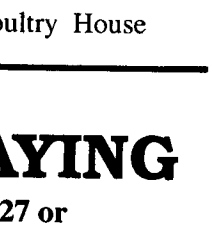


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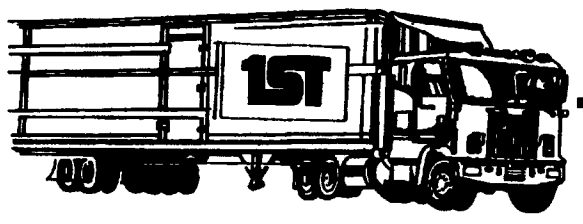


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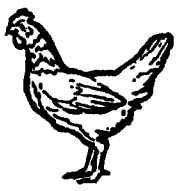

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**OHIO BLENDERS**
*OCIA Certified*
***Organic***
**ALFALFA PRODUCTS**

**Pellets and Cubes**
Use in Compound Feeds or By Themselves
Poultry Cattle Sheep Goats Pig Bovine Ratites
***CONSISTENT PROTEIN***
***CONSISTENT QUALITY***
***ALL YEAR***
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• WHOLE COTTONSEED • CORN • 48% SOYBEAN MEAL • ROASTED SOYBEANS •
CORN GLUTEN MEAL • BAKERY WASTE
LIGHT CORN DISTILLERS • SOY HULLS
**TRIPLE • M • FARMS**
**CUSTOM FEED MFG.**
*We Mix Feed According To Customer and Nutritionist Formulas*
Also Available:
**BULK COMMODITIES**
Call Us At:
**(717) 272-3225**
• SOY PLUS • PRO-LAK • BLOOD MEAL • BEET PULP • FAT PEAK •

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**4x4x8 Bales Dry Wheat Straw**
*Will deliver any quantity.*
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**Bulk ONLY**
**Delivery Anywhere**
**Good Supply of Bulk This Year!**
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Sawdust & Shavings
Hay & Straw
Bulk - Bagged - Bales
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**Big Square Bales or Round Bales**
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Livestock Pre-mixes
Blender & Dist. • Feed Ingredients
Ask About Our Dairy Program.
Try Our Liquid Energy for Appetite and Efficient Digestion.
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Chopped with JD chopper with roller mill,
Have analysis available.
*Can deliver with self-unloading truck & blower or tri-axle dump truck.*
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**BUY DIRECT FROM MANUFACTURER**
28, 30, 325 Cu Ft Paper/Plastic Bale
2 5 To 1 Compression
Grade of Fine, Medium or Flaky Woodshavings
Year Round Supply For Year Round Customers
*Distributors Welcomed*
**APPALACHIAN SHAVINGS**
QUEBEC CANADA
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*For Delivered or FOB Plant prices*
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- **Dairy quality Alfalfa & Straw**
- **Race Horse quality Timothy, Alfalfa, & Long Bleached Rye Straw**
- **All in small square bales**
- **Delivered FREE in truck load lots within 100 miles of Hanover, PA**
- **Further delivery available anywhere**

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***Complete Feeds, Concentrates, and Minerals For All Livestock***
**No Quantity Too Large or Too Small**
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***Specializing in Dairy and Poultry Rations***

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**DRY WOOD SHAVINGS**
**Excellent For Dairy, Horses and Poultry**
**Delivered in Bulk: 20, 30 & 50 Cu. Yard & Trailer Loads**
**• Baled White Pine Shavings**
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Prompt Payment
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Picked up at your farm or delivered to Milton, PA
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*35 Years of Service*

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- Absorbs & holds fluid better than straw or newspaper
- Free Delivery - Lancaster County
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**• $75/ton •**

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***Check It Out!***

- ✔ High Protein 32-35%
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- ✔ Large or small dairy
- ✔ Consistent & reliable source

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*Can Deliver Berks, Lebanon & Lancaster Co.*

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- SHAVINGS/ SAW DUST MIX

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1. Improved Aeration
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POSITIVE APPROACH for REVITALIZING SOILS

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Spot or contract prices available
**EAR CORN FOR SALE DELIVERED TO THE FARM**

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Kiln Dried, approximately 5 ton loads w/some dust; 750 cu. ft. for Lancaster Co. area dairy bedding.

**North of Rt. 340**
**Lancaster-Lebanon-Berks Co.**

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**7% January Discount**
**Premium Alfalfa**
**Baralfa 54**
**Winner in Penn State Trials**
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**High Protein, High Yield Corn Seed**

B.G. 34 Ryegrass - Great For Grazing
Up To 31% Protein

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Late Maturing and High Digestibility

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**White Pine shaving**
3.50 cu. ft. bale
Picked up at barn: $3.75
Delivered: 40 Bales = $186
80 Bales = $340

**Shaving & Sawdust Mix**
3.5 cu. ft. bag
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80 bags = $260
12 yd. bulk: $225
**Mileage charge after the 1st 10 mi.**

**Bark Mulch**
5 yd. = $140
Other sized loads available

**Mushroom Soil**
***Beat the Spring rush!!***
Local Hauling
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800 bu. = $175
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- $ • Reduce your feed cost (Ask about volume discounts)
- $ • Improve your feed quality
- $ • Provide around the clock service
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**CALL US TODAY AND COMPARE YOUR CURRENT FEED SOURCE!**

We will CUSTOM BLEND Quality Ingredients To Meet Your Feed Consultant Recommendation.

- 48% Soybean Meal
- GR Roasted Beans
- Corn Distillers
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- *makes feed more palatable*
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- *cow gains more energy*
- *reduces dust*
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We can delivery molasses direct to your farm to mix in your TMR. Talk to your nutritionist about how this fits into your program.

*Available as liquid, or dry in 50lb bags.*

**OILS** - For Animals •Soybean •Corn •Many Others
**SWEETCAKE 16NU** - Molasses Blocks For The Livestock Industry. Available In 200 Lb. Size
**NATIONAL HORSE PRO** - Liquid Feed Supplement

**All Liquid Products Are Available In The Following Sizes:**
5 Gal. Bucket, 55 Gal. Drum, 275 Gal. Tote, or Bulk
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HOURS: Monday-Friday 7 AM - 5 PM
*Over 60 Years of Service*

WE U.P.S. Daily

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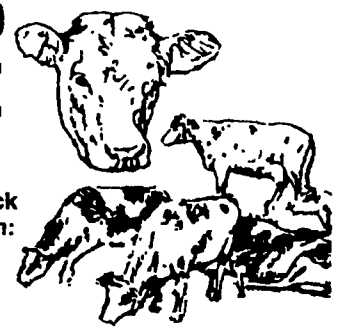

*the profitable liquid feed for your cattle*

PRO-LIX LIQUID FEED

They'll give it right back to you, with interest, in:
- Healthier Calves
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PRO-LIX delivers the protein, vitamins and minerals your cattle need-when they need it and in the amounts they need. It increases cattle weight, fosters healthier calves and often helps to produce more calves. PRO-LIX is an extremely smart investment in the beef or milk that produces your profits-all year long.

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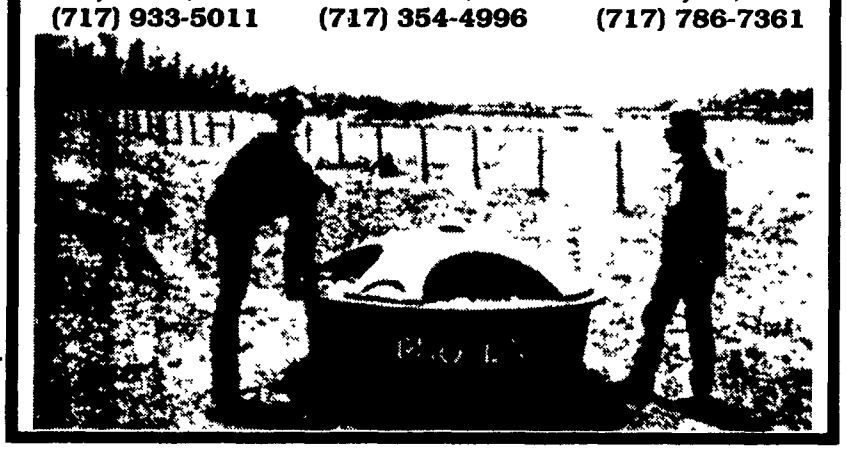

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**DELIVERED IN BULK**
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TRAILER LOAD LOTS
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***Paper Bedding More Absorbant than Straw. Less Flies.***
**$60/ ton FOB**
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*Now Available: Wheat & Barley seed*
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Consider these advantages over traditional roasting methods

- Consistent by-pass proteins and low moisture levels
- Improved energy density of your rations.
- Excellent quality control.
- Exchange programs with feed mills
- Economical storage, rolling and grinding available
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Weaver's Toasted Grains
TOASTED IS TASTIER

For more information call
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Top prices paid for corn and soybeans with prompt payment.
*Call for daily quotes, Ask about our special co-pay trucking program.*
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**16 FERTILIZER**

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# GOOD'S AG SERVICE

Liquid Fertilizer Sales & Application

| | | |
|---|---|---|
| 9-18-9 | 6-24-6 | 30% N |
| 5-15-15 | 10-34-0 | 12-0-0-26s |
| 3-18-18 | 7-21-7 | Liquid Calcium |

*For more information call:*
**DALE GOOD - 717-949-2371**
ASK ABOUT EARLY DISCOUNTS

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Nature Pure™ Naturally

- 100% Composted Poultry Manure
- 3-2-2 Analysis
- A Dry, Granular Fertilizer
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$10 per ton discount for December/January delivery

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**(717) 367-6978**

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**16 FERTILIZER**

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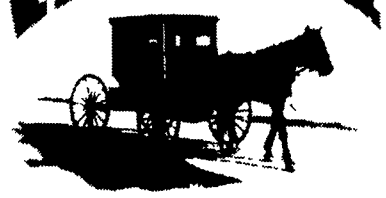
**EARLY BUYER DISCOUNTS IN EFFECT NOW!**

# ERTH-RITE



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**Manufacturers of**
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**For more information you may contact Elmer Oberholtzer at our Gap Plant (717) 442-4171 or you may write or call our Home Office**

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**SAWDUST**
*• Quality Mulch •*
*• Two Grades Available •*
*• Fresh Shredded Wood •*
**We Deliver**

**WANTED**
*Standing Saw Timber,*
*5 Acres or More*

**TUSCARORA HARDWOOD, Inc.**
**Manufacturer of Hardwood Lumber**
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**16 FERTILIZER**

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# Limestone
**For Ag Use**
**$1.00 Per Ton**
Industrial bi-product
Product code KS 50.
Pick up at Baker's, York Plant or can be delivered.
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**Sweet 'n (K) with Sulfur**
**PARA-AG**
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Hagerstown, MD 21742
**Info. Phone: 301-745-1473 or 301-797-3483 • (Fax) 301-797-1718**

**Min. Analysis**

| | |
|---|---|
| 40% Cal. Ox. | 200 Mesh 98% Dry |
| 1.5% Mg. Ox. | 100 Mesh 99% Dry |
| 2.5% $K_2O$ (Potash) | 60 Mesh 99% Dry |
| 3% $SO_2$ (Sulfur) | 20 Mesh 99% Dry |
| 72% CEC | Reg. MD, PA |

Application: Damp
Farmers: Direct Field Delivery
Dealers Wanted: Handle, Apply and Stock Pile
Correct your P.H. and add 2 valuable nutrients in same product
**F.O.B. Hagerstown, MD**
**Call For Pricing**

## 16 FERTILIZER

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**Mushroom Mulch For Sale**
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Winter Sale on Modine Gas Heaters, 30,000BTU to 400,000BTU, new and used plastic mulch layers, mulch lifters, water wheel planters, and Pro-mix BX potting soil, E-Zy Grower Greenhouses, 15% off. Martin's Produce Supplies, 625 Britton Rd., Shippensburg, PA, (717)532-5918 1(888)381-8641.

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✔ Cattle Hoof Trimming
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Custom Bagging, 6'&8' bags. 717/949-2366, 800/782-1757.

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• On your farm
• Soybeans (No RR soybeans)
• Small grain
**Newcomer Seed Cleaning**
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Berks, Lebanon & Surrounding Counties
***6' & 8' Baggers***
***Upnorth Bag Sales***
***Custom Chopping w/Clauss Havester w/Processor & Independent Head.***
***Wagons or Trucks Available.***
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## 22 CUSTOM WORK

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Lancaster, PA 17601
**717-898-7689**

**Mushroom Mulch**

| | |
|---|---|
| 100 bu. | $70.00 |
| 300 bu. | $100.00 |
| 500 bu. | $125.00 |
| 900 bu. | $175.00 |
| 1200 bu. | $198.00 |

Mulch delivered **FREE** within 25 miles of Lancaster, PA

| | |
|---|---|
| Railroad Ties #1 (Very Nice) | $12.00 |
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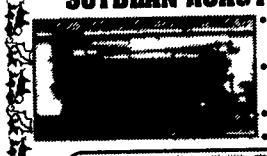
Quantity Discounts - Delivery Available
We Carry Bark Mulch and Topsoil.

CALL **AG-BAG** FOR
1-800-334-7432
All Your Bagging Needs

*Happy Holidays!*
*Thanks to all our customers for a great year.*
*May you and your family have a wonderful 1999.*
**SOYBEAN ROASTING ON YOUR FARM**



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• Toxic enzymes and molds destroyed
• Custom roasting in MD DE & PA

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Hauling w/28' rollback truck. Lavern Rutt, Mt. Joy, PA, (717)653-4725.

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## 22 CUSTOM WORK

Do you like working with animals? Help needed on dairy farm, Berks Co. Duties include parlor milking, feeding heifers, field & repair work. House & insurance provided. 610/689-5496.

Harvest help for spring to fall 1999. New JD 6850's and diesel trucks. Pavlu Harvesting, (316)495-2326.

Help for 1999 Summer & Fall harvest, new 9610 JD combine & Kenworth trucks, family owned & operated business. FROESE BROS HARVESTING 316-585-2380

LIVESTOCK TRANSPORTER; Seeking OTR Truck Driver. Steady Work, Top Wages, No Re-Location. Live Stock Experience & CDL Required. Contact Randy (847)426-5009.

## 23 HELP WANTED

Full time person needed for general work on large dairy farm. Variety of work from field to shop to cows & heifers. Opportunity for management if experise is in a specialized type of work. Lancaster Co. 717/665-4189.

Fulltime position for self-motivated person on 700 acre cattle & hay farm, Southern York Co. No milking. Top pay, benefit package. 717/637-7586.

Conestoga, PA POST OFFICE is Now Hiring For Rural Carrier Relief.
Must have a valid drivers license and dependable vehicle
AUTOMATIC TRANMISSION to deliver mail.
Must work Saturdays.
$11.55/Hr to Start
Conestoga Post Office
1 River Corner Rd.
Conestoga, PA 17516
Stop by Post Office to pick up application.

Experienced residential fence installers, great pay! Call Rustcraft Fence Co, 1(800)894-3636.

Experienced person to help on dairy farm, Eastern Lancaster Co. Milking, field work, etc., full-time. 717-445-4680

Farm Manager - Hay, grain, vegetables. Frederick Co., MD., housing possible 301-983-2167

Full or part time employees for 1999, wheat and fall harvest, 18 years strong, Smith Harvesting, Jewell, KS. Call (785)428-3412 for application.

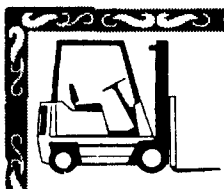
Full-time position for self motivated person in large Western Kansas dairy. (316)495-2326.

Full time milker needed for 10:30am-5pm shift. Some other work available assisting herd manager. Base starting salary $9/hr. Job available 1/1/99. Manheim/Lititz area. 717/665-4189.

*AGENTS • NO EXPERIENCE*
Company Expanding—$12-18 hr + Bonuses
**Send SASE for Details to:**
***International***
*1375 Coney Island Ave., Ste 427*
*Brooklyn, NY 11230*

**Custom Applicator position available.**
**CDL license required. Full time or seasonal employment. Paid vacation and health insurance, retirement program.**
***Stop in and fill out an application.***
Service Feed and Supply
1652 Main Street, Cardiff, MD
717/456-7433 or 410/836-8782

**Truck driver/warehouse position available.** CDL license required.
Full time employment.
Paid vacation and health insurance, retirement program.
*Stop in and fill out an application.*
**Service Feed and Supply**
**1652 Main Street, Cardiff, MD**
**717/456-7433 or 410/836-8782**



**HELP WANTED**
**MECHANIC**
Experience helpful but will train to work on forklifts.
Looking for energetic people willing to do what it takes to get the job done
Pay according to experience
**Sam's Mechanical Service**
5917 Plank Rd., Narvon, PA 17555
**717-442-9334** Ask for Sam

**ENJOY WORKING WITH DAIRY PRODUCERS?**
Agri-King has an opening in Southern Lancaster County for a self starting, enthusiastic person with recent dairy experience involving direct sales and servicing. Competitive compensation depending on experience and ability. Training, benefits, retirement and advancement potential. Send cover letter and resume to:
**Aldie King**, 81 Highland Rd., Atglen, PA 19310
Phone **610-593-5952**
or to **Agri-King, Inc.**, c/o of Al Pickens, PO Box 208, 18246 Waller Road, Fulton, IL 61252, or phone **(800) 435-9560**

**Irrigation Sales & Design**
Established South Jersey company seeks individual to expand agricultural irrigation sales in PA and MD. Agricultural and irrigation expertise required. Permanent position with growth potential. Competitive salary, training and benefits. Send resume to.
**Lancaster Farming R-74**
**POB 609**
**Ephrata, PA 17522**

Mature, responsible, dependable, experienced milker for modern Jersey farm. Housing provided, references. (717) 345-3383 and leave message or fax 345-6137

*Wanted: Dairy Feed Sales Representative*

South Central, PA independent feed manufacturer is seeking Dairy Feed Sales Representative for established territory in southern & eastern Lancaster County

Excellent opportunity for individual to work with a variety of dairy men including some with herd averages in excess of 25,000 lbs milk.

Qualifications include: knowledge of dairy cattle & optimism about the dairy industry Salary & commission commensurate with experience.

Send reply to:
Tom Nauman, HOOBER FEEDS,
P O Box 39, Gordonville, PA 17529

**FULL-TIME**
**FEED MILL OPERATOR**
**2nd Shift, 2 pm-11 pm**

Benefits Health Ins , Pension/Profit Sharing, Six Paid Holidays/Vacation

*Apply in person*
8a m - 5p m Mon thru Fri

**Esbenshade Mills**
220 Eby Chiques Road, Mount Joy, PA 17552
**717-653-8061**

**FULL-TIME**
**CROP PRODUCTION POSITION**

Permanent position for self-motivated, qualified individual on a 1500 acre Union Co grain farming business. Operation and maintenance of large modern farm machinery would be primary responsibilities Good mechanical skills necessary References required Excellent benefits.

**Call 570/966-1269**
**or send resume with references to:**
**WIAND FARMS, INC.**
**RR 1, Box 156**
**Mifflinburg, PA 17844**

**EQUIPMENT SALES/SERVICE**

Sell milking equipment, barn equipment and related supplies and parts Assume established accounts and develop new accounts Two areas open Southeastern PA and Central PA Sales experience and a dairy farm background helpful but not necessary We will train the right individual Salary, commission, truck and fringe benefits Excellent earnings potential If you enjoy working with dairymen, this is an excellent opportunity to become part of an established company with an excellent reputation All replies will be kept confidential

Send resume to
Lancaster Dairy Farm Automation
50 E 28th Division Highway
Lititz, PA 17543
Or call **(800) 422-4587**

**Part Time**
**Research Associate Position**

This position includes various office and field activities dealing with corn breeding research. Office duties involve computer work, inventory management, file management and light seed lab work Field activities involve collecting data with handheld computer, supervision of part time help, planting and combining research plots Ability to take accurate detailed data is essential Must know or be willing to learn to operate motorized farm equipment. Must have or be able to obtain a CDL. Estimated 1500 to 1800 hours per year

Send cover letter and resume to
Wayne Mehre
Pioneer Hi-Bred Int'l. Inc
982 New Holland Road
New Holland, PA 17557

**HELP WANTED**
**Welder/Driver**
**Must have clear driver's record**
**Welding, repair and installation work**
**Stoltzfus Welding & Repair**
**76 S. Vintage Rd.**
**Paradise, PA 17562**
**717-442-9148**
**Best 6:30-7:00 AM**

**Manheim Post Office is now hiring for rural carrier relief. Must have a valid drivers license & dependable vehicle automatic transmission to deliver mail. Must work Saturdays. $11.55 per hour to start. Stop by Post Office to pick up application.**
**Manheim Post Office**
**47 S. Main St.**
**Manheim, PA 17545**

**AGRONOMIST**

Immediate – F/T
Delmarva Peninsula Area
Req: BS – Agronomy or Ag-related area strongly desired. Field scouting, soil testing, Ag consulting, excellent communication skills. Good benefits & working conditions. EOE.
Send resume:
**Brubaker Agronomic Consulting Service, Inc.**
4340 Oregon Pike
Ephrata, PA 17522-9476
**Fax: 717-859-3416**

SKH

SKH is currently seeking a qualified individual to work with the general manager in daily production at the Leola location Responsibilities will include record keeping, inventory potting, shaking and dividing as well as weed and insect control Good interpersonal skills, the ability to operate a tractor, and lift up to 50 lbs are required Knowledge of plant materials is a plus Self-motivated candidates who love the outdoors are encouraged to apply SKH offers competitive wages and a great benefits package including a 10% discount, paid vacation/personal days, paid health insurance, short term disability and a 401k retirement plan
If interested, apply at any Stauffers of Kissel Hill location or send resume to

PO Box 1500 Lititz, PA 17543
HRreach@mail skh com
(717) 626-4771, Ext 400
http //www skh com

**Help Wanted**
ROUTE TRUCK DRIVER
For Established Dairy Equipment Co.
The position is for an established area in Lanc. & Chester Co. Individual needs background in dairy. Sales experience helpful but not required.
CDL class B license required
* Excellent Earning Potential
* Hospitalization Plan
* Profit Sharing
* Other Benefits
If interested apply in person send fax or call 717-656-3307 & ask for Merle

**FISHER & THOMPSON INC.**
**717-656-3307**
**717-656-4530 Fax**

Tenant farmer, 50A, Lancaster area on shares, equipment provided, large house on premises, all conveniences. Write: POB 1546, Lancaster, PA 17608

CO-ORDINATOR, AGRABILTY FOR PENNSYLVANIANS
PENN STATE

Penn State's Department of Agricultural and Extension Education is currently seeking an individual to implement, carry out and maintain the AgrAbility programs in conjunction with Easter Seals Interface with project consumers for service and evaluation purposes, identify and recommend assistive technology, maintain and expand database and work with the national project A B S in agricultural machinery or a B S or M S in an agricultural major with hands-on experience in agricultural production, equipment usage, and operation is required Individuals with previous AgrAbility experience are encouraged to apply This is a fixed term appointment renewable annually for a possible three years Send letter of application, resume, academic transcripts and reference/recommendation letters to College of Agricultural Sciences, Human Resources, Box BAG2, University Park, PA 16802 Application deadline is January 20, 1999 or until a suitable candidate is found Penn State is committed to affirmative action, equal opportunity and the diversity of its work force

4-H YOUTH AND COMMUNITY DEVELOPMENT AGENT
PENN STATE CO-OPERATIVE EXTENSION
LEHIGH COUNTY

Seeking an individual to organize implement and evaluate informal educational programs for youth and adults in major areas of 4 H Animal Sciences programming and community Consumer and Agricultural Environmental issues
Candidates must have a Bachelor s degree in agriculture or closely related area Candidates with experience as a teacher working with youth or as a manager of volunteer leaders are encouraged to apply A Master s degree is preferred Candidates should possess teaching, evaluation and program development skills and demonstrate positive human relations and effective communication skills
Competitive salary and liberal benefits package The closing date for accepting resumes and applications is January 22 1999 or until a suitable candidate has been selected
Applications available from Human Resource Services, (814-863 3452), Box SL4, 307 Agricultural Administration Building The Pennsylvania State University University Park PA 16802 Fax 814-863-6215 Email to caa7@psu edu
Penn State is committed to affirmative action equal opportunity and the diversity of its workforce

**25 BUSINESS OPPORTUNITIES**

**LIVESTOCK AND FARM EQUIPMENT APPRAISERS Many of our part-time appraisers earn from $20,000-$30,000/yr. We have full-time appraisers earning as high as $300,000/yr. For information, please call 800-488-7570 or write to: ASAA, Box 186, Twin Falls, ID 83303-0186.**

**Buy – Sell – Merge**

- **Wood Working,** Profitable family business with beautiful historic stone home, 2 acres, shop, 12 yr old business Some owner financing Owner retiring Lancaster Co **$829,000**
- **POULTRY FARM,** contract egg production Approx 100 acres, beautiful home . **$2,208,000**
- **PORK PRODUCTION** contract or lease Franklin County. 125 acres 500 Sow farm, off site nursery, historic stone home, barn, pasture. Expansion plan Some owner financing. . .. ..... **$830,000**
- **BOARDING KENNEL** Lancaster Co beautiful ranch home, established clientele, profitable Excellent home based business. Owner retiring. .. . **$419,000**
- **FERTILIZER** manufacturing, wholesale & retail Growing & profitable .. . .. . . . **$2,750,000**
- **FARMETTE** Lititz, PA zoned commercial for small business. 3 acres restored brick farm house, barn, 3 bay garage Beautiful setting with stream, trees **$350,000**
- **Confidential professional service**

Hess Business Brokers
**Terry L. Weaver Ag Broker**
15 Pennwood Rd., Lebanon, PA 17042
717/274-3769 Fax 717/274-1668
Email terrylweaver@hotmail.com

**WHEN SEEKING A CAREER AS AN AGRICULTURAL PROFESSIONAL**
Contact the Agricultural Employment Specialists
**NORTHEAST**
**Agri-Employment Services**
P.O. Box 233
Roaring Spring, PA 16673
**(814) 224-4542**
*An employer fee paid agency

SALES REPRESENTATIVE
Opening for qualified person to sell fertilizer products in Southeastern PA.
Contact Elmer Oberholtzer at our Gap, PA Plant
**(717) 442-4171**
or contact our Home Office
**NuTeam, Inc.**
3507 US 62
Millersburg, OH 44654
PHONE: **800-368-6692**

**DAIRY EQUIPMENT INSTALLER & SERVICE**

Are you a team player? Do you want diversity in your job? Are you bored with a routine job? We have the position for you! Service milking equipment, barn equipment, and assist in the installation of new equipment and renovation of existing parlors. Be able to assist in the installation and servicing of milking equipment. Knowledge of electrical, welding, refrigeration, general mechanical knowledge preferred. Join our existing team and become a team player Excellent salary, commission, and fringe benefits. If you enjoy working in a rural community, this position is for you!
ALL REPLIES WILL BE KEPT CONFIDENTIAL!
Forward your resume' to:
**Jones Dairy Service, Inc.**
**12667 Massey Road, Massey, MD 21650**
**(800) 801-2082 FAX (410) 928-5004**

**Sales Mangers Wanted In Pennsylvania**

Largest Air Purification Company In The World! Purifying The Air Indoors With Filter-less Technology. Average Income $10,000 Monthly Company Will Train
Contact
Lester Bowman
800-403-3082

**EXPERIENCED PEOPLE**
to strip & grade PA 41 type tobacco.
Your place or ours.
Some transportation.
Millersville/ Conestoga
Dave Lefever
**717-872-7801**

**26 HOUSEHOLD**

**Sweetheart Cook Stove $1,600**
*Good peppy stove*
**717-299-3721**

**27 PETS**

**Norwegian Elkhound puppies, AKC, shots, wormed, nice, excellent temperment. Leola 717-656-6352**

**Pomeranians AKC, 10 weeks, M-$350. 11m, M-$300. Exotic party Poms M/F, $500-$600. 610-588-1969 all have excellent temperment & heavy coats.**

## 27 PETS

3 male Jack Russell puppies, $125, 8 weeks old. 717-532-5373

(4) Short-Legged Female Jack Russel pups, Brown & White, Ready By Jan. 21. $200/Ea.; Also AKC Registered (1)/Male, (1)/Female Akitas. (570)966-0402.

ABC Registered Border Collie puppies, imported bloodline, working parents, farm raised. After 7PM call, (717)243-0798.

AKC German Shepherd puppies. German bloodlines, ex temperment, hips guaranteed. (Black, Black/tan, Black/silver).Oak Ridge Shepherds. Details (717)323-1494.

Border collie pups, shots and wormed, great pets, 6 males and 1 female. Ready on Christmas 717-354-0176

Brittany Spaniel pups, parents on premises, good hunting stock. 717-336-3587

English Bulldog puppies, vet checked, ready to go. Isaac Stoltzfus, 145 Spring Garden Rd, Kinzer, PA 17535.

FOR SALE: AKC German Shorthair pointer pups, $300. Reasonable offers accepted. Call 717-336-5983

NEED HOME! 1-year old female, sprayed, Golden 1/2, Lab 1/2 Golden Retriever, short hair. Needs alot of room to run! 717-738-2143

Pomeranian pups, AKC, shots, wormed, cute, playful, ready now. Isaiah Glick Call 717-560-9564

Reg. Border Collie pups, good working dogs, great pets, black/white, red/white. 717-988-0369 no Sunday calls.

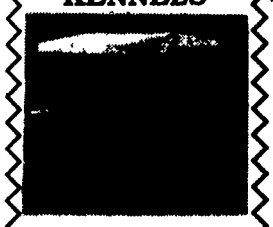
Reg. Border Collie pups, 9 weeks old, shots, wormed, ready to go! $100/ea. 717-354-4319

**English Mastif**
**German Shepherd**
**Akita Sheltie**
**Stud Service Available AKC**
100 Haiti Rd.
Quarryville, PA 17566
**717/ 786-3915**

**AKC Collie Stud Service**
Nice Markings, from good stock
**717/284-5146**

**WANTED Puppies For Pets**
**AKC, Purebred, or Mixed Litters.**
**Please call when 4 to 5 weeks old.**
**Forest Ridge Kennel**
296 S. Vintage Road
Paradise, PA 17562
717-442-4259
**Stud service available for many breeds.**

**QUALITY DOG KENNELS**



**AND ACCESSORIES**
- Galvanized Tubing
- Galvanized Wire
- 33" Opening
- Free Standing
- Optional Plastic Floor
- Insulated Dog Boxes
- Kennel Awnings

**(717) 355-7100**
**Quality Fencing & Supply**
147A Amishtown Rd.
New Holland, PA

**PUPPIES WANTED**
All kinds - AKC, Pure and Mixed
Call Randy 717/822-2033
I suggest you call early when your puppies are 2, 3, 4 weeks old, but you can call anytime.

**WANTED**
**AKC Registered Rottweiler Pups Top Prices Paid**
**1-800-349-9970**
If you have Rottweiler puppies for sale, call us before 8 a.m..
**cut out this ad**

**WANTED**
**AKC Puppies and Cute Mixed Breeds For Resale.**
**Pampered Pup Kennels**
**(800) 307-7877**

## 30 COMPUTERS

Phone system, NEC 16/48 w/12 phones & extras, $2000. 410-335-4700

## 31 NOTICE

Chronic Fatigue? Mono? Epstein Barre? I have experienced it and am now selling what helped most, a complete whole food powder like green barley, but with many ingredients. All natural. For FREE booklet, leave name & address at 717-661-9251

## 31 NOTICE

**HARFORD COUNTY GOVERNMENT**
**DEPARTMENT OF PROCUREMENT**
**220 SOUTH MAIN STREET**
**BEL AIR, MARYLAND 21014**
**410-638-3550**

**EXPRESSION OF INTEREST**
**HARFORD COUNTY AGRICULTURAL ECONOMIC STUDY**
**C99-008**

The Harford County Department of Procurement requests Expressions of Interest and Statement of Qualifications from qualified firms capable of conducting a survey to determine the economic impact of Harford County's agricultural industry. The study shall focus on actual production agriculture and related infrastructure, recent economic history as well as apparent trends.

Interested firms can contact the Department of Procurement for additional information on this project. Firms are invited to submit five (5) copies of a brief pre-qualification statement identifying their experience with similar projects along with technical and staffing capabilities necessary to successfully complete a contract of this nature and size.

Envelopes containing your submittal should be marked "C-99-008 Expressions of Interest - Agricultural Economic Study"

All submissions must be received at the address above by the close of business **(5:00 p.m.) on Friday, January 15, 1999**

Invitations for Bids and Bid results may be accessed on the Internet, www.co.ha.md.us

For further information concerning Bids currently being invited by Harford County, and for results from last week's Bid opening, call **410-638-4-BID (410-638-4243)**

**Harford County reserves the right to reject any and all Bids.**

## NATURAL RESOURCE FIELD

The York County Conservation District is currently accepting resumés for the following:

**EROSION CONTROL TECHNICIAN**

This is an entry level position. Duties include review of Soil Erosion Control Plans for compliance with state regulations, site inspection, complaint investigation, and educational activities. Minimum requirements; four year degree in Natural Resource Management, Environmental Science, Agronomy, or closely related field or combination of education and experience in related field. Salary $22,000 plus county benefit package.

For job description call (717) 840-7401 or www.netrax.net/~yccd or E Mail us at yccd@netrax.net

Deadline to respond: January 15, 1999

Send resumé to:
York County Conservation District
118 Pleasant Acres Road
York, PA 17402
Equal Opportunity Employer

## 27 PETS

**WANTED PUPPIES**
Pure & Mixed Litter lots for resale for companion pets
**JACK'S DOG FARM**
**215-766-8802**
**or**
**215-766-8840**
leave message
Tues.-Sat. 9 am - 5 pm

## 32 MISCELLANEOUS

BUNK BEDS, FUTONS, MATTRESS SETS. Many styles starting at $99. Dir. 717-299-9494./ 717-393-3467.

Cast iron boiler, good condition. 717-367-4797

Commercial trash compacter, 800 cu ft $8,500. 1,000 lb dial scale, $950. Northumberland Co, (570)286-5306.

Coolant: water soluble machining coolant, synthetic & regular. $6/gal., retails for $18/gal. 717/354-3105.

FMC roto-mist model 100 sprayer, Ford engine, $1,800. (732)591-2726.

FOR SALE: Used desks, files, chairs, fireproof files, etc. NOLT'S Ephrata, PA (717)859-1617.

Johnson LTR clear channel 2-way radios, 6-15 watt radios, 5-30 watt radios, 2-base units for 120V, AC 1-48" antenna for roof mount, $100 per radio, but will consider offer. 717-865-3575

Mobile home axles & wheels. 717/464-4461 leave message.

New Cardinal platform scale, legal for trade, $700. New 16'-5/8" logging chain, $50. New 55 gal. steel drums, $15. Heavy duty steel 12'x3' shelving, $70. Lawn roller, used 1-time, $100. Old Ithica 12 gauge double barrel, $300. 13.8V, 1amp solar panel, $100. 717-865-5001

PAYING UP TO $2.50/sq.ft. for wide walk-smooth attic floor. We remove. Also paying $.50-$1.00 for pine and oak siding 1" & thicker. 800/765-3966.

## 32 MISCELLANEOUS

Plastic Barrels, Food Grade, Open, Closed, Tops w/Lids, 50-Gal $8/Ea. 8-Gal $5/Ea (410)658-4351.

Portable band sawmill 30HTD25 timber harvester, 25hp Deutz diesel, fully hyd, used one year. Only serious inquiries call my neighbor 814/662-2911. Asking $23,900 OBO. Ray L. Yoder, 765 Springs Rd, Springs, PA 15562.

Steel tapered tank, approx. 1500 gallons w/vacuum pump, 2 years old. 717-367-4797

Supermarket Equipment for sale, former Giant, Gettysburg, PA. Shelving, walk-in boxes, complete bakery, deli. 1(800)333-6870.

**Koi R-Us Fish Farm**
Quality fingerlings always available
**215-536-6076**
*For pickup please allow 24 hr notice*

**Top Dollar Paid**
for
Wide Attic Flooring, Barn Grainery Boards, Wide Roof Boards, Big Beams of Chestnut, Heart Pine, White Oak, White Pine, Interior Salvage of Early Stone of Brick House, Indian Doors, Hand-Hewn House Joints and Rafters, Summer Kitchens, Old Factories, Old Warehouses and Log Houses!!!!
**(610)857-1002**
Anytime
*Pay the most & Travel the Farthest*

## 32a ANTIQUES

Old fashion clawfoot bathtub, good condition, $150. Warm Morning Coal Stove, $350. (717)355-2893.

Sterling cookstove, propane & wood, gray & white textured finish, nickel trim, $325. 717/345-2024.

## 33 RECREATIONAL VEHICLES

Pro Bass boat, 17' long, 115hp, loaded! Less than 25 hrs on boat, $6700. 610-767-3133

RV Rentals, 3-day, weekly, monthly rates. Call 1-800-238-3947

## 34 AUTOS

1984 Chevy 12-passenger van, 4th seat, 350 engine, automatic, very good condition, black, $1500 OBO. 717/438-3205.

'92 Chevy 4x4 2500 Scottsdale 350, auto, OD, light blue, new inspection, new rebuilt trans, $7500 OBO. 717/692-2675 after 6pm.

CHEVY'S, FORD'S, etc. Cars and trucks. Over 300 vehicles. Every Monday 6:30PM. PUBLIC AND DEALERS. YORK SPRINGS PUBLIC AUTO AUCTION, RT 15, York Springs, PA 1-800-222-2038.

**LIVE GAME FISH** Fingerlings and Adults, Large and Small Mouth Bass, Spotted and Rock Bass, Bream Crappies, Trout, Channel Cats, Bullheads, Walleyes, Perch, Minnows, Northerns, Pickerel, Muskies, Red Gills, Mullets, Carp, Eels, Turtles, Frogs, Israeli Carp. Also Aquatic Plants and Water Lilies. EDUCATIONAL CATALOG $2.00
Oldest Fish Hatchery Estab. 1900
Koi Specialists
Truck, Air and Parcel Post Delivery
**ZETTS FISH HATCHERIES**
**DRIFTING, PENNA. 16834**
**Phone: 814-345-5357**

**See Our Ad In Today's Auction Section**
**Over 1000 Vehicles**
Tri-State Auto Auction

## 35 TRUCKS & TRAILERS

'89 3-axle low boy, 20', 22,000 GVW. Will trade for 2-axle trailer or van box trailer. 717-355-0279

'89 Ford F250, HD, 3/4 ton, 300 EFI, 5 spd, PS, PB, air, AM-FM cassette, 8,600 GVW, dark blue, high miles, excellent condition, $3,675. 717-733-2873

'90 E-350 14' Box Van, 67,000-Miles, Excellent Rubber, Clean Truck $6,850. (717)285-6927.

91 Ford 250 XLT Lariat 4x4, 7.3 dsl, auto, AC, tilt, cruise, needs engine, $4000 717/367-9298.

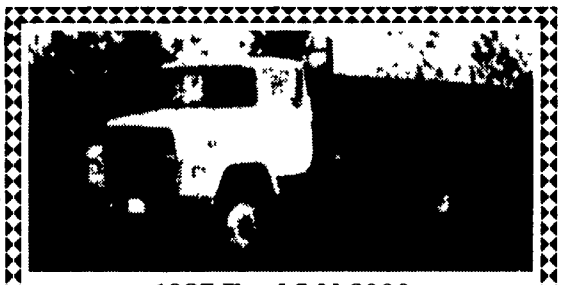
'92 Ford F150, 300 EFI, auto, PS, PB, AM-FM cassette, dark blue, excellent condition, $6,900 717-733-2873

'92 Ford XL F150 super cab, 300 EFI, 5 spd, PS, PB, AM-FM, dual tanks, 50,000 one owner miles, burgundy, $7,950. 717-733-2873

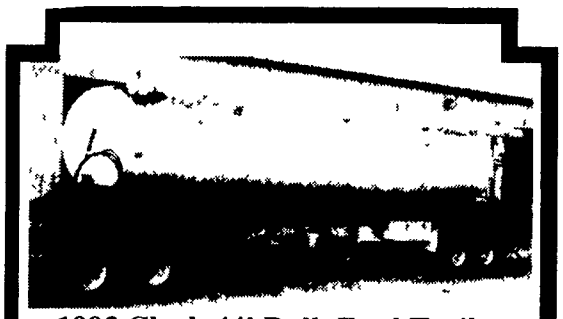
'93 Chevy S10 Tahoe extended cab, V6, 5 spd, PS, PB, AM-FM cassette, 39,000 one owner miles, excellent condition, $7,600. 717-733-2873

**TRUCKERS**
27' RATCHETS.....$15.95
WINCH STRAPS....$12.95
RUBBER T. STRAPS...54¢
COMPLETE ROLL TARP SYSTEMS
**TIRONIE TARPS**
(800) 874-2928 • FAX: (717) 584-3127

**1992 Ford F150 XLT 4WD,** 6 Cyl., Auto, AM/FM/Cassette with Fiberglass Cap, 8' Bed, Exc. Cond.
**$9,850 OBO**
**717-445-4309**



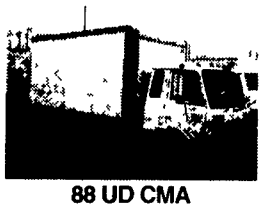
**1987 Ford LN 8000**
7.8 210 HP Diesel, Air Brakes, New Body & Hoist Built To Haul Lumber Or Grain, 5 Sliding Winches, Toolbox, Ex. Cond.
**$15,250 OBO**
**301/829-0271**



**1993 Clark 44' Bulk Feed Trailer**
8 Compartment Tank, 40' Unload Auger, Aluminum Budds, Excellent Condition
**$25,000**
**717-539-2711**

**LEED TRUCK CENTER**
402 South Chiques Rd
Salunga Exit, Route 283
**717-898-1200**

**87 Iveco Z110** 12' C&C
**88 Iveco Z220** 12 C&C
**86 Iveco Z220** 20 Van
**Year End Specials**



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6 Cyl Diesel 5 Spd P/S
203 000 14' Van Insp & Clean
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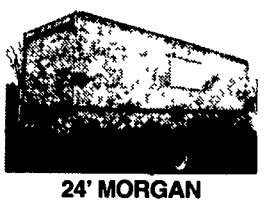

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Roll-Up Door, Very Clean
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370 V8 Gas, 4 Spd PS Hyd Non CDL 21 300 GVW, 18' Van with L/G, Insp Clean
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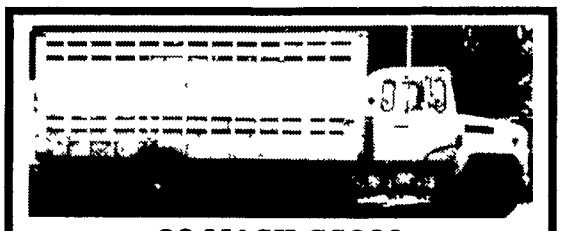

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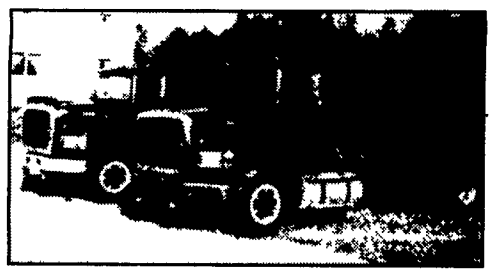

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**$47,500-$44,500**

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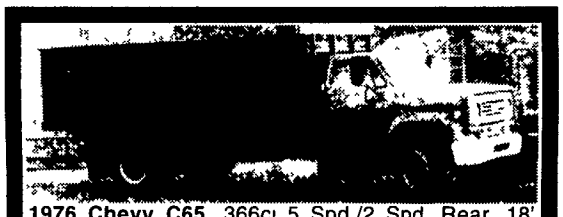

**1976 Chevy C65,** 366ci 5 Spd/2 Spd Rear, 18' Omaha Standard Body/Hursh Hoist and Fold Down Cattle Racks, New paint & Inspection **$7,000 OBO**

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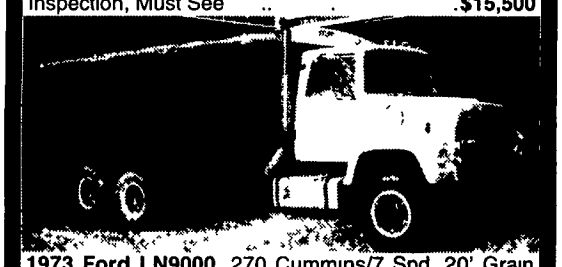

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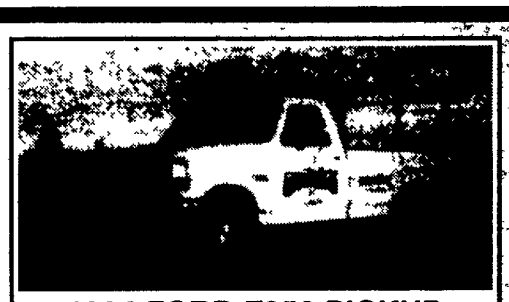

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**$6,750 OBO**
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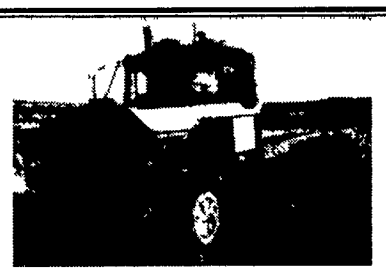

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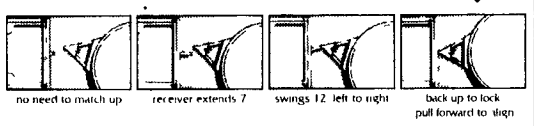


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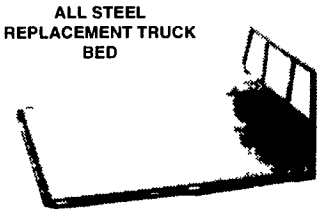

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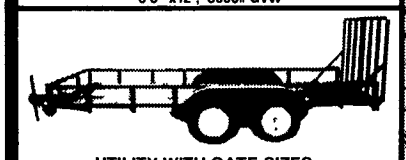

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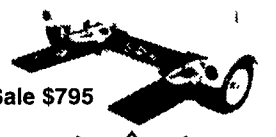

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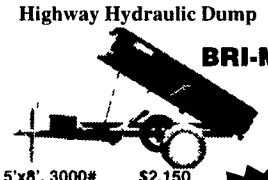

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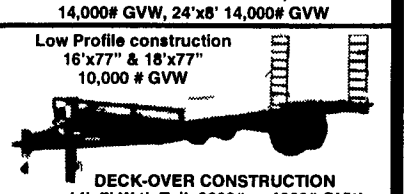
10,000 # GVW



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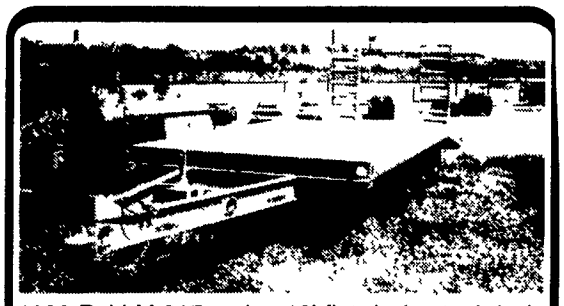

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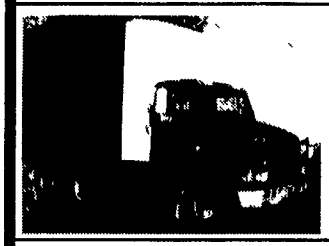
1993 Mack CH, E7-350 Engine, 9-Speed Fuller, Air Ride Susp., 192" WB, Steel Hub/Pilot on Low Pro 22.5



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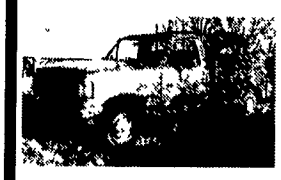

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**$4,500**

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Single Axle, L10, 260 HP, 9 Speed, PS, Ac, Lease Maintained, Clean,
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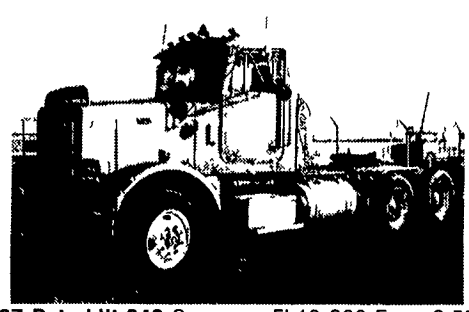

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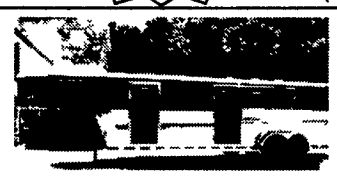

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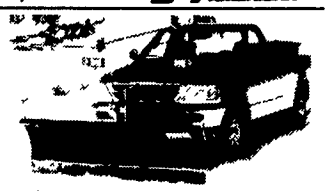

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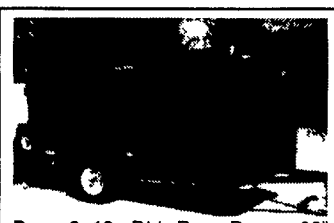
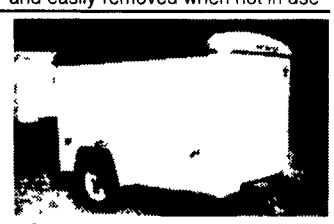
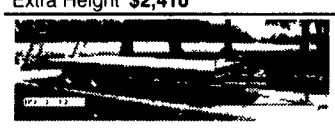
**US Cargo 6x10.** Dbl Rear Door, 32" Side Door, ATP Stoneguard, 12" Extra Height **$2,410**



**Pace 6x12.** Dbl Rear Doors, 32" Side Door **$2,660**



**US Cargo 5x8.** Dbl Rear Door, Aluminum Fenders **$1,700**



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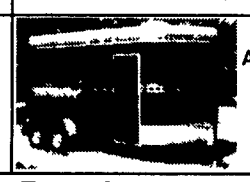

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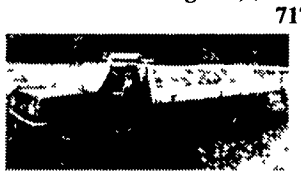

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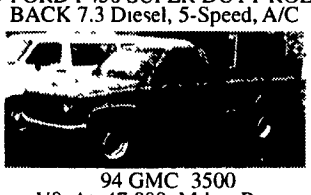
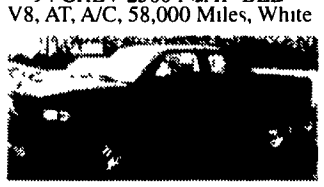
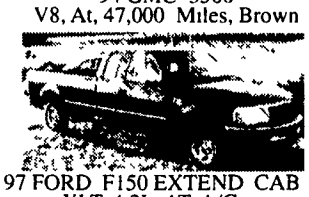
94 CHEV 2500 FLAT BED V8, AT, A/C, 58,000 Miles, White



94 GMC 3500 V8, At, 47,000 Miles, Brown



96 DODGE RAM 2500 CLUB CAB 4x4, SLT, V8, At, A/C, 35,000 Miles, Black



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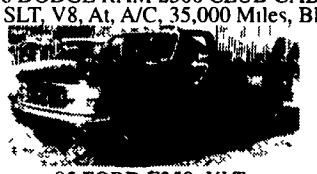

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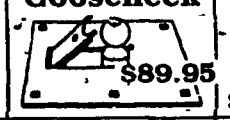

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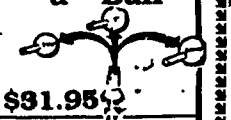

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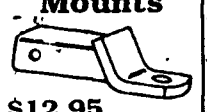

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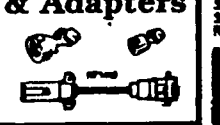

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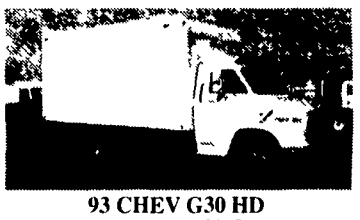

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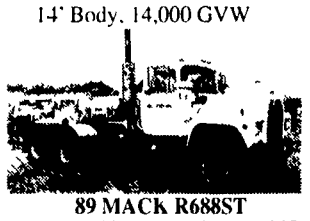

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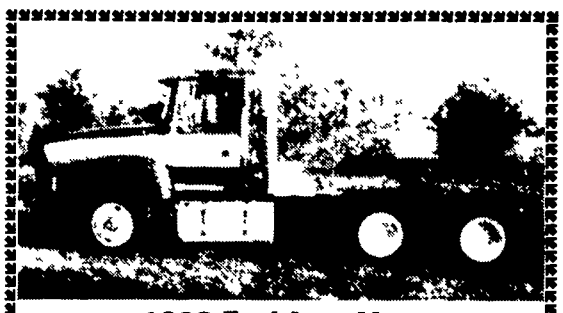

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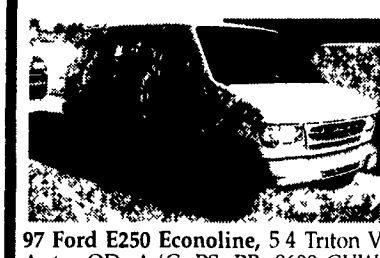
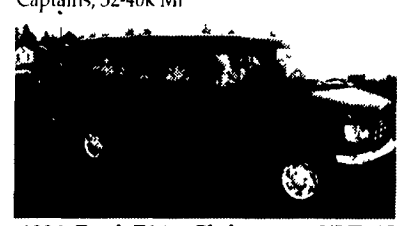


**97 Ford E250 Econoline,** 5 4 Triton V8, Auto, OD, A/C, PS, PB, 8600 GVWR, 53,000 Miles, #2832



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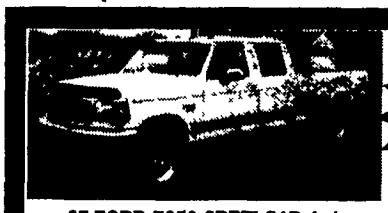

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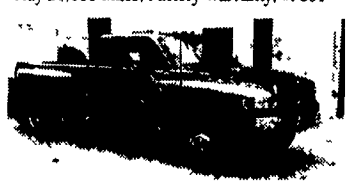

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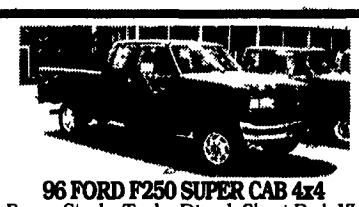

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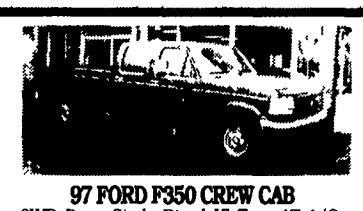

**97 FORD F350 CREW CAB**
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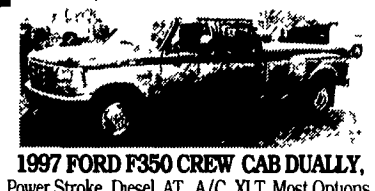

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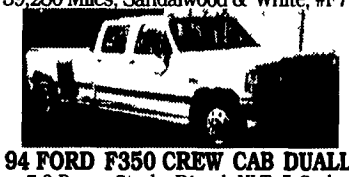

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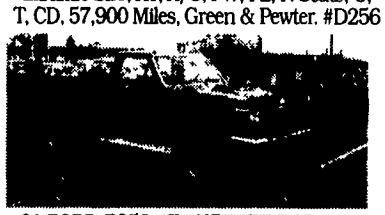
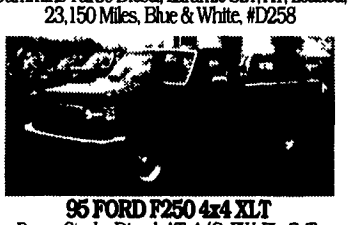
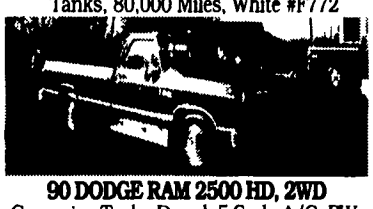


**91 FORD F350 4X4 UTILITY BODY W/PLOW,** AT, 460 V8, PS, PB, Red, Only 26,300 Miles, #F800

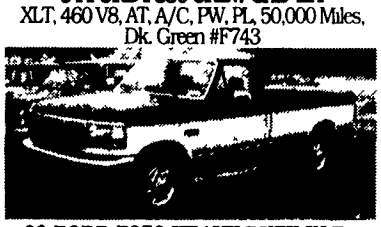
**93 FORD F250 SUPER CAB 4x4**
7 3 Turbo Diesel, XLT, 5-Spd., A/C, Most Options, Alloy Wheels, 67,000 Miles, Black, #F797



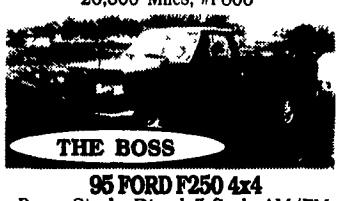
**95 FORD F250 4x4 XLT**
Power Stroke Diesel, AT, A/C, PW, PL, C, T, Dk. Metallic Green, Hi Miles But Looks & Runs Good, #F798



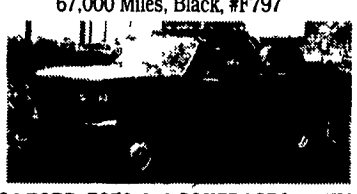
**90 DODGE RAM 2500 HD, 2WD**
Cummins Turbo Diesel, 5 Spd., A/C, PW, PL, AM/FM/Cass., Gooseneck Hitch, Hi Miles, Looks & Runs Good, Blue. #D254.



**93 FORD F250 HEAVY DUTY XLT,**
7 3 Diesel, AT, A/C, PW, C, T, A/C, Very Nice Condition, 65,490 Miles, 2-Tone Blue, #F649

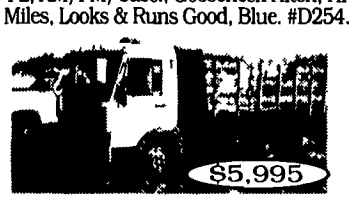



**95 FORD F250 4x4**
Power Stroke Diesel, 5-Spd., AM/FM, Bedliner, Dual Tanks, The Boss, V-Plow, 39,000 Miles, #F685

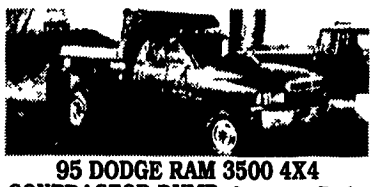


**94 FORD F350 4x4 CONTRACTOR DUMP**
460 V8, AT, Spreader & P.A Plow, Only 15,000 Miles, Red, #F802

**84 CHEV. C30 FLATBED DUALLY**
4x4, 4 Spd., 454 V8, AM/FM, C,T, Ready to Tow, Hard to Find, #C477




**89 IVECO 14 FT. STAKE BODY**
Turbo Diesel, 5 Spd , AM/FM, 1 Owner, Only 99,900 Miles



**95 DODGE RAM 3500 4X4 CONTRACTOR DUMP,** Cummins Turbo Diesel, AT, A/C, Tool Box, Cassette, 61,000 Miles, #D255

# FOR SALE

**80 INTERNATIONAL S18**
Detroit MT643 Diesel, Allison 4-Spd , Automatic, 62,000 Original Miles, Engine Runs Excellent -
~~$3,950~~ **$3,500**

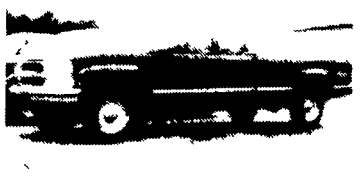
**88 FORD F350 DUALLY 4x4**
12 ft Bed, 5-Spd , 7 3 Diesel, 72,000 Miles, 11,000 GVW, Red
~~$9,700~~ **$9,500**

**SCHAEFFERSTOWN AUTO & TRUCK SALES**
**Rt. 501, 1½ miles South of Schaefferstown**
**717-949-2812**

# USED TRUCKS

**96 GMC 2500 SLE**
4x4 454 Vortec Eng AT AC P Wds P Dsl Cruise Tilt AM/FM Cass CD Player P Seat 8600 GVW 3 73 Limited Slip Rear 3 600 Miles Black Like New
**$20,500**

**96 GMC 2500 EXT. CAB 4x4 SLE**
350 Vortec Eng AT AC Loaded P Seat 8600 GVW 4 10 Limited Slip Rear One Owner 84 000 Miles Dk Green
**$17,900**



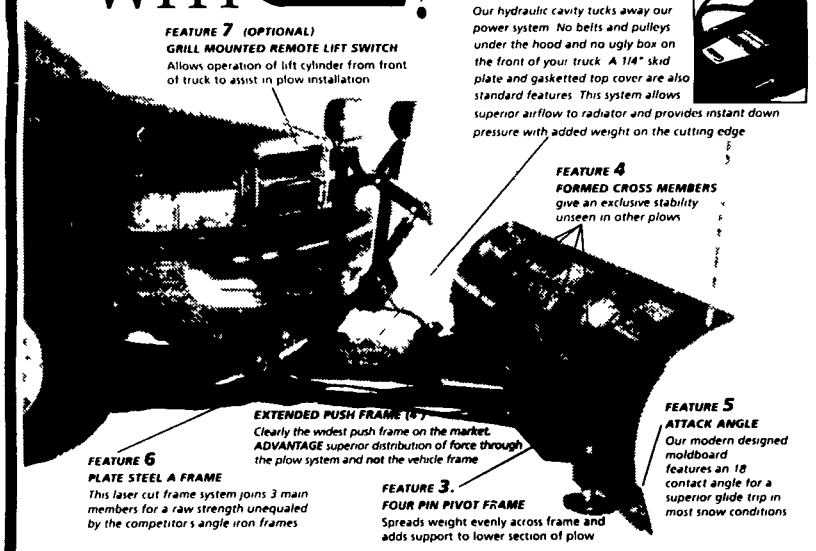
**96 GMC 2500 EXT CAB SLE**
4x2 454 Vortec Eng AT AC Loaded P Seat Cass CD 8600 GVW 3 73 Limited Slip Rear One Owner 3 600 Miles Black Like New
**$20,500**

**98 GMC SL 2500 4x4**
350 Vortec Eng 5 Spd AM/FM Sliding Rear Window 8600 GVW 3 73 Rear PA One Owner 10 000 Miles Black
**$19,900**

**MARTIN'S AUTO SALES**
**1025 W. Main St. New Holland, PA 17557**
**(717) 656-6621**

## Super Rugged ♦ Commercial Grade

WHY CURTIS?


FEATURE 7 (OPTIONAL)
GRILL MOUNTED REMOTE LIFT SWITCH
Allows operation of lift cylinder from front of truck to assist in plow installation
FEATURE 1
HIDE AWAY HYDRAULICS
Our hydraulic cavity tucks away our power system No belts and pulleys under the hood and no ugly box on the front of your truck A 1/4" skid plate and gasketted top cover are also standard features This system allows superior airflow to radiator and provides instant down pressure with added weight on the cutting edge
FEATURE 4
FORMED CROSS MEMBERS
give an exclusive stability unseen in other plows
EXTENDED PUSH FRAME (8")
Clearly the widest push frame on the market.
ADVANTAGE superior distribution of force through the plow system and not the vehicle frame
FEATURE 6
PLATE STEEL A FRAME
This laser cut frame system joins 3 main members for a raw strength unequaled by the competitor s angle iron frames
FEATURE 3.
FOUR PIN PIVOT FRAME
Spreads weight evenly across frame and adds support to lower section of plow
FEATURE 5
ATTACK ANGLE
Our modern designed moldboard features an 18 contact angle for a superior glide trip in most snow conditions

**Compared to the rest...**

| Curtis Feature # | Description | Fisher | Meyer | Western | Boss | Snoway |
|---|---|---|---|---|---|---|
| 1 | Hide-away Hydraulics | | | | | |
| 2 | Extended Push Frame | | | | | |
| 3 | Four Pin Pivot Frame | | | | | |
| 4 | Formed Cross Members | | | | | |
| 5 | Attack Angle | | | | | |
| 6 | Plate Steel A Frame | | | | | |
| 7 | Grille Mounted Lift Switch Option | | | | | |

NO!

VISA MasterCard

Product design and specifications may change without notice or liability

**This Plow Can Be Purchased @ the Following Locations:**

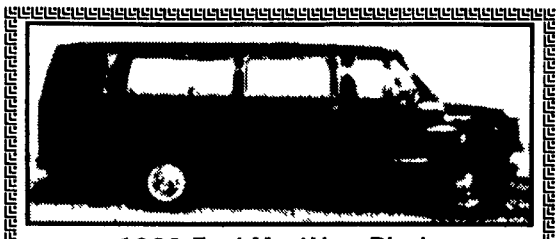
**PRECISION CARS, INC.**
19914 Leitersburg Pike
Hagerstown, MD 21742
(301) 739-6640

**GINDER'S GARAGE**
2327 S. Market St.
Elizabethtown, PA 17022
(717) 367-8067

**DREXEL AUTO SUPPLY**
333 Steinman Farm Rd.
Pequea, PA 17565
(717) 284-2916

**BRUCE WITTE, INC.**
6417 Davis Rd.
Mt. Airy, MD 21771
(301) 829-0271

**ROCK SPRINGS HARDWARE**
1320 Rock Springs Rd., Rising Sun, MD 21911
(410) 658-5978 (800) 858-0288
OPEN 7 DAYS A WEEK



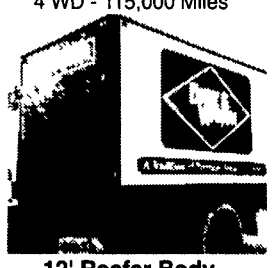
1989 Ford Maxi Van, Black,
Good Cond., 140,000 Mi.
$3,500
**717-776-7725**

**1975 Chevy One-Ton Dually Pick-up**
Completely rebuilt, new sheet metal
heavy duty towing pkg
**$3,500 OBO**
**814-237-1502**

**83 Eagle Wagon Ltd.**
4 WD - 115,000 Miles

**83 GMC - 16 Passenger Mini Bus**
V-8, Auto , Runs Good

**94 IH Model 4900**
DT466 engine, 5 spd , single rear, air brakes, A/C, 32,900 GVW, double frame, 11x22 5 Budds, 254" W B

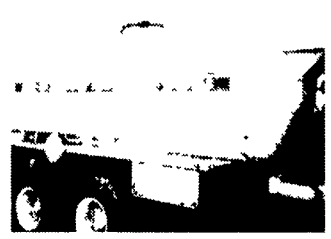


**12' Reefer Body,**
under body refrigeration unit, Uses 220 electric Has damage

**1993 Toyota Pickup**
4 Cyl , 5 Spd Trans , AM-FM Radio, A/C, Excellent Condition, High Mileage

**Aluminum Tanker/Trailers**
7500 gal and up

**Michigan Loader Model L30**
Quick Coupler, Comes With 1 Yard Bucket and 60" Forks, Runs Excellent



**3000 Sludge Tank**

**9- 40' Steel Flatbed Trailers**
with sliding tandems, all in good condition

**New flatbeds available**
Sizes currently available are 12', 14', 20', 22' and 24' Racks are also available

**W7 Case Loader.,**
15.5x25 tires, runs good serial #9900486

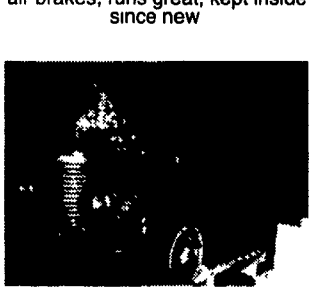
**1500 gallon Sludge Tank**

**4 I-Beams**
49' Long, 28" High
w/12-1/2" Web

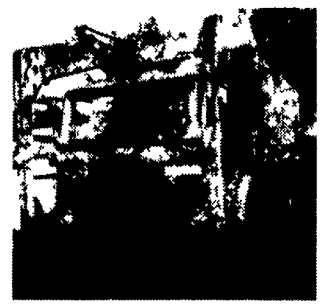
**Forklifts For Sale**

**Hyster** 2,000 lb capacity, 3 wheeler, propane gas, solid tires, 92" Fork height, 48" forks
**Towmotor** 4,000 lb capacity, 2 stage mast, 108" Fork height, 42" forks, solid tires
**Towmotor** 2,000 lb capacity, 106" Fork height, 42" forks, solid tires

**Clark Crane**
**14 Ton Capacity,**
4-53 Detroit, 60' boom, 14 00x24 tires, runs good serial #720



**1947 Autocar C-50 Tractor**
42,000 miles, 477 gas eng., 5 spd , air brakes, runs great, kept inside since new



**1988 Volvo/White**
3306 Cat engine, 740 Allison, 44' Rockwell rears, 11x22.5 tires, Galion trash body model FLSC35

**19' NEW Lumber Body**
w/Rachet Tie-Downs
w/Dumping Hoist



**1948 International**
KB Chassis, 50,000 miles, 269 gas engine, 2 spd trans., hydraulic brakes, excellent condition, been in storage over 30 years.

**Wm. Cohen & Sons**
**Thorndale, PA**
**(610) 269-1298** **Call between 7 am - 4:30 pm**

**Hundreds of Used Truck Tires For Sale**
Sizes from 16" to 24"

**1979 Crane Carrie Cement Mixer,**
10 Yd. Rex Mixer, 230 Cummins, 8 Spd. Trans., 44,000 Lb. Rears
**Asking $8,500**

**Used Overhead Door For Sale**
16'H x 14'W
**Asking $550**

**Aluminum Loading Ramps**
9'&10', also some other sizes available

**Yale Electric Hoists**
1/2 ton cap., 440 volt, single and three phase.
**Asking $350/ea.**

**Pedestal Grinder**
Baldor 2 Hp., 3 phase, 220 amps

**Toledo Scale**
1,000 lb. Capacity

**Oil Heaters**
250,000 BTU'

**Used Van Trailers - For Sale or Rent**

OVER 60 YEARS IN BUSINESS!

# WOLF MOTOR CO.

ROUTES 72 & 283, LANCASTER, PA 17601

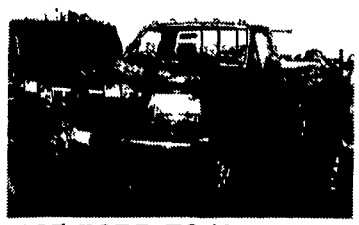
## CENTRAL PA'S FORD TRUCK DEALER

Sales Reps: Charlie Burke, Gary Brenneman, Bill Mortenson, Dennis Asel, Mgr.

**717-299-4331** **Toll Free 800-637-6612**

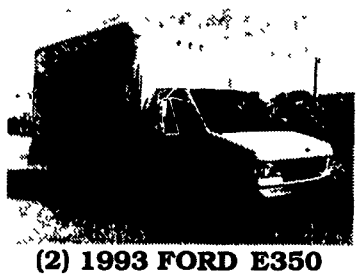
**1998 FORD L8501 CAB & CHASSIS**
8.3 Cummins, 250 HP, 5+2 Speed, 33,000 GVW, Air Brake, 168" C.A.
**$39,000**

**1984 FORD LN 8000 CAB & CHASSIS**
Cat Diesel, 210 HP, 5+2 Speed, 35,000 GVW, 138" C.A.
**$9,900**

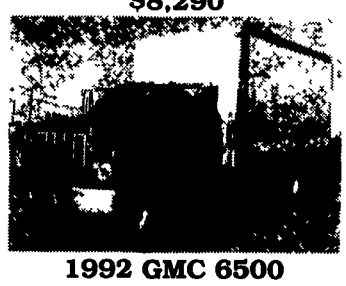


**1995 FORD F250 4x4 XLT**
460 V8, Auto, 73,000 Miles
8' Snow Plow
**$16,900**

**1994 FORD E150 CARGO VAN**
6 Cyl., Auto, 70,000 Miles
**$8,290**



**(2) 1993 FORD E350**
12' High Cubes, V8, Auto
**$11,900 Each**

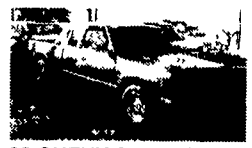


**1992 GMC 6500**
366 V8, Auto, 19,000 GVW, 14' Van Body, 80,000 Miles
**$14,900**

# BOWERS USED CARS INC.

Route 30 West of Abbottstown, PA
7015 York Rd. 717-624-7072

**94 CHEVY S10 LOW RIDER**
4.3 V-6 Auto PS PB AC
**$6,995**



**86 CHEVY S10 EXT. CAB LOW RIDER**
V-6 Auto, PS PB AC
**$4,995**

**91 DODGE DAKOTA 4X4**
V-6, 5 Speed, PS PB AC 75,000 Miles
**$6,500**

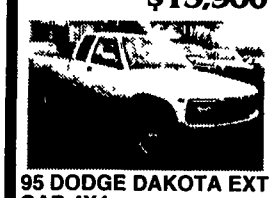
**93 CHEVY SILVERADO 1500 4X4 SUBURBAN**
Loaded, High Miles
**$13,900**

**89 CHEVY SILVERADO 3500 DUALLY**
454 V8 Loaded
**$7,995**

**89 FORD F350**
Cab & Chassie 4x4 Dually 460 V-8, PS PB, 4 Speed
**$7,995**

**94 DODGE RAM 1500 LARAMIE SLT 4X4**
V-8 Mag, Loaded, Auto
**$13,900**

**88 CHEVY 1500 4X4**
V-8, 4 Speed, PS PB ALU Welder Bed.
**$5,995**



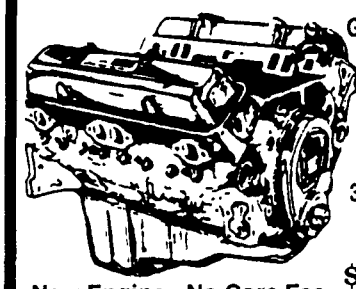
**95 DODGE DAKOTA EXT CAB 4X4** SLT V8, Auto PS PB, Loaded
**$11,900**

**90 JEEP WRANGLER**
6 Cyl. 5 Speed PS PB Mint Cond.
**$5,995**

# JONES

GM Parts

**We want your business.**



GM GOODWRENCH 350 V8 1973-85
Part Number 10067353
New Engine - Not Rebuilt
36 Month or 50,000 Mile Warranty
New Engine - No Core Fee
**$1199.00**

**WE'LL MATCH ANY COMPETITOR'S PRICE!**

**6.5L GOODWRENCH DIESELS From $3,175**

Call 394-0711 for prices on other New or Remanufactured Goodwrench Engines. 2.5 Liter thru 454 cid. Gas and Diesel

Chevrolet - Pontiac - Olds - Buick - Cadillac - GMC

## JONES GM PARTS CENTER

1335 Manheim Pike, Lancaster, PA 17604
Easily Located on Rt. 72 Just off of Rts. 283 & 30
Hours: Mon-Fri 7:30 a.m. - 9 p.m. Sat 7:30-3
(717) 394-0711

GM PERFORMANCE PARTS

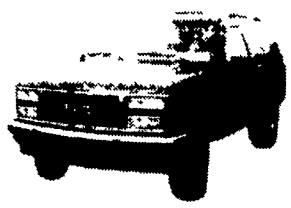
# JONES BEST BUY 4X4'S TRUCKS

Largest Stocking & Selling Extended Cab GMC Dealer in 7 States

PONTIAC • HONDA
GMC TRUCK
1335 Manheim Pike, Lancaster

Prices based on straight sale, Tax & Tags extra. Trades accepted at actual cash value. Must present this ad at time of purchase for sale price.

717-394-0711

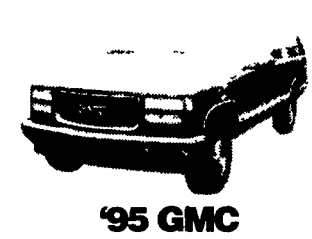


**'92 GMC YUKON 4x4**
AT, AC, 350, SLE #8165
Was $15,500
SALE **$13,300**

**'95 JEEP CHEROKEE 4x4**
AT, AC, V6, 4 DR
#8174 Was $14,980
SALE **$13,500**

**90 CHEVY K15 4X4**
AT, V8, AC, SLE
#8248, Was $10,900
SALE **$8,500**

**'97 GMC K15 XCab 4x4**
AT, AC, 4.3 Vortec, Low Mi.
#8163, Was 21,700
SALE **$19,800**



**'95 GMC SUBURBAN 4X4**
AT, AC, SLE, 350, Clean,
#8259, Was $27,500
SALE **$25,688**

**'94 CHEV K15 XCAB 4x4**
AT, AC 350 Silverado
Was $19,900
SALE **$18,000**

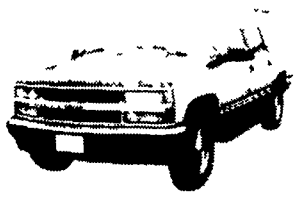
**'96 GMC YUKON 4x4**
AT, AC, 350, SLE,
#8273, Was $20,900
SALE **$17,800**

**'89 CHEV S10 CAMEO**
AT, 4.3 V6, 77,000 Miles,
Clean, #8271, Was $7,500
SALE **$5,100**

**'98 FORD RANGER XCAB 4x4**
AT, AC, V6, XLT, 5,000 Miles
#8233 Was $21,887
SALE **$19,875**

**'92 CHEV K15 XCAB 4x4**
AT, 350, AC, Silverado
#8281, Was, $17,900
SALE **$14,773**

**90 GMC K15 4X4**
AT, AC, SLE,
#8228, Was $10,000
SALE **$8,250**



**96 CHEVY SUBURBAN 4X4**
AT, AC, Silverado, 350
#8255, Was $28,900
SALE **$27,200**

**'97 GMC YUKON 4X4 4 DOOR SLE**
AT, AC, 19,000 Miles
#8128 Was $30,500
SALE **$28,950**

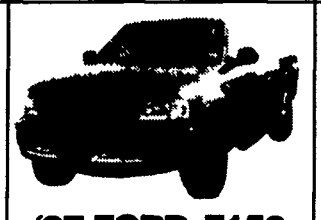
**'95 GMC SIERRA XCAB 4X4**
AT, AC, SLE, 350,
#8251, Was $20,800
SALE **$19,700**

**'95 FORD WINDSTAR GL**
AT, V6, AC
#8185, Was $14,900
SALE **$12,500**

**'97 CHEV ASTRO AWD**
AT, AC, V6, 7 Pass.,
#8104 Was $18,900
SALE **$17,000**

**97 DODGE 2500 4x4**
V8, AT, AC, 25,000 Mi #8190
Was $21,985
SALE **$20,155**

**93 PLYMOUTH GRAND VOYAGER**
LE, AT, AC, V6, 7 Pass.
#8196 Was $11,500
SALE **$9,500**



**'97 FORD F150 XCAB 4x4**
AT, AC, V8, XLT, Black
Was $21,400
SALE **$19,555**

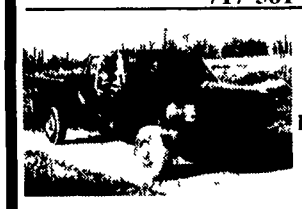
**'97 CHEVY S10 XCAB 4X4**
AT, AC, V6, 3rd Door,
#8102, Was $18,885
SALE **$17,350**

# John E. Kreider

*Specializing in Rebuildables*

5348 Beagle Rd , E-town, PA 17022

**717-361-9296**



**1993 Ford F-250**
Super Cab, 4x4, 5 8L V8, AT, AC, 81,660 mi
Right side of cab damaged
Runs & drives
**$6,900**

**1992 Ford Ranger XLT**
3 0 V6, 5 Spd AC,
74 479 mi Needs Front
Very little frame damage
**$1,750**

**1994 Ford Aerostar Ext.**
3 0L V6, AT, AC, Most Options Hit left rear and right side swiped Most parts available to repair
Runs & drives
**$1,900.**

**1995 Plymouth Grand Voyager SE** 3 3L V6 AT, PW PL Cruise Tilt Cass , Dual AC & Heat
67,641 mi
Left front damaged
**$3,900**

---

**1997 DODGE RAM 1500 SLT,** 4x4, V8, AT, AC, PW, Long Bed, 2-Tone Paint, Alloy Wheels, Local 1 Owner, Performance Exhaust, New Good Year Ranglers, Only 22,000 Miles!! Runs & Sounds Great **$19,900**

**1996 FORD F-250 XLT CREW CAB 4X4,** Powerstroke Turbodiesel, Short Bed, 65,000 Miles, 5-Spd , AC, PW, PL, White, Alloy Wheels **$23,900**

**1995 FORD F150 XL,** 302, 5-Spd, AT, AC, Only 37,000 Miles, Blue, New Tires, Like New, Work Truck **$9,400**

**1995 FORD BRONCO XLT 4x4,** 351, AT, AC, Only 34,000 Miles, Brand New!! Raspberry & Black, Alloy Wheels, 1 Owner **$18,500**

**1992 FORD F-150 XLT 4x4,** AT, 351, Reg Cab, AC, PW, PL, Alloy Wheels, Only 31,000 Miles - WOW! Local Trade, Green **$14,900**

**1991 CHEV 3/4 TON SILVERADO 4X4,** 6 2 Diesel, AT, AC, Tilt, Cruise, Local One Owner, New Tires, Maroon, Awesome Truck . . . **$12,900**

**1991 DODGE DAKOTA LE EXT CAB,** 2WD, V8, AT, AC, PW, PL, Tilt, Cruise, 2-Tone Paint, Alloy Wheels, 58,000 Miles Wow!! . . . . .

**1988 CHEV SUBURBAN,** Choo-Choo High Top Conversion, 350, AT, AC, Lots of Power Options, New Tires, Only 73,000 Miles, Very Nice, White, Red, TV, Tinted Glass . . **$10,500**

**1988 DODGE DAKOTA 4x4,** 3 9 V6, AT, AC, Long Bed, Matching Topper, Blue & Grey, New Insp , 102,000 Miles, Nice Shape . . . . . **$5,900**

**1985 FORD F-250 XLT HEAVY DUTY,** 2WD, 6.9 Diesel, 1 Owner Truck, 2-Tone Paint, AT, AC, PW, PL, Good Miles . . . . . **$5,900**

**(717) 949-6513**

**Birchwood Auto & Truck Sales**

---

FORD FORD FORD FORD FORD FORD FORD

# KELLER BROS.

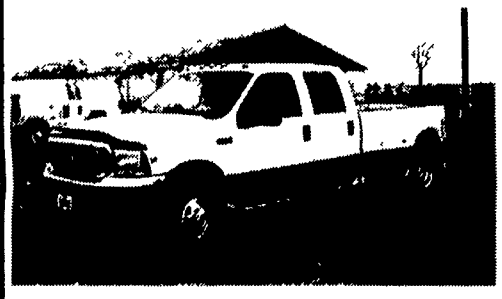
(Buffalo Springs) Lebanon, PA

**717-949-2000 or 1-800-363-2767**

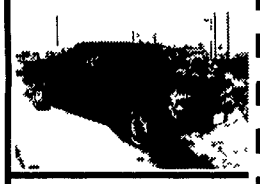
**LEBANON COUNTY'S HEAVY DUTY TRUCK HQTRS.**

**1995 FORD F250 SUPER CAB 4X4**
XLT, Diesel, Low Miles

**1997 FORD F150 SUPER CAB XLT**
4x4, AT, V8, Clean Truck



**1998 CHEV K1500 EXT. CAB**
4x4 Silverado, 5.7 Vortex V8, Loaded



**1995 FORD WINDSTAR GL**
Loaded, Green, Holiday Special
$11,950

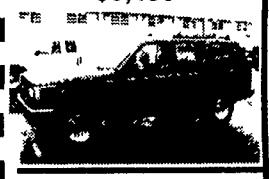
**1999 F250s, 350s, XLs, XLTs & Lariats. Single Axles & Duallys, 4x4's Gas or Turbo Diesels**

**OVER 20 IN STOCK**

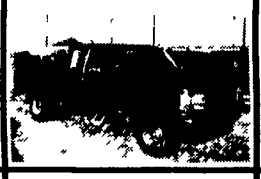
***Lebanon County's Heavy Duty Truck Headquarters***

**1996 FORD F250**
Super Cab, H.D., 4x4, Auto., XLT

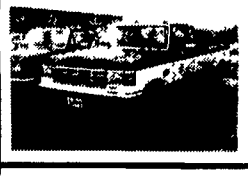
**1991 FORD EXPLORER 4x4**
XLT Trim, AT, Loaded, Red
$8,450



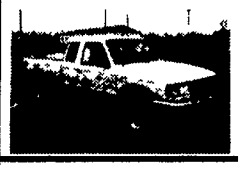
**1994 FORD F150 SUPERCAB 4X4**
XLT, V8, AT, A/C, PW, PL, Short Box



**1987 FORD F250 SUPER CAB 4x4**
XLT, AT, V8, Just Traded



**1993 FORD RANGER XLT**
Super Cab 4x4, Low Miles, Local Trade

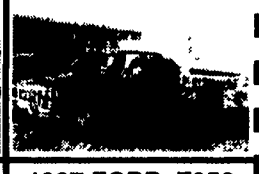


**1995 CHEV TAHOE LT**
Leather, 28,000 Miles, Green

**1991 DODGE RAM VAN**
8 Passenger, Local Trade
$6,950

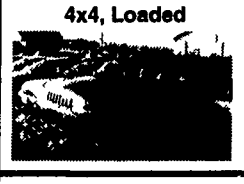
**1999 FORD F350 CREW CAB 4X4, DUALLY**
Cab & Chassis, V-10, AT, XLT Trim

**1989 GMC 3500 CHASSIS CAB**
One Owner, Just Traded



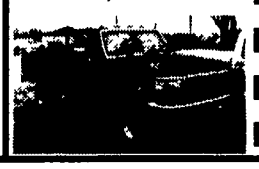
**1984 FORD F250 SUPERCAB**
Dually, Diesel, AT,
~~$7,995~~ $6,995

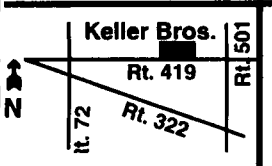
**1993 JEEP GRAND CHEROKEE LAREDO**
4x4, Loaded



**1989 FORD BRONCO II**
XLT, 4x4
Local Trade

**1997 FORD F250 4x4 DIESEL**
5-Speed, XLT, 19,000 Miles, Like New



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FORD FORD FORD FORD FORD FORD FORD

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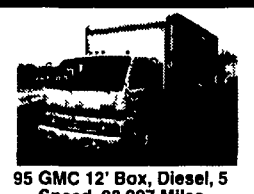
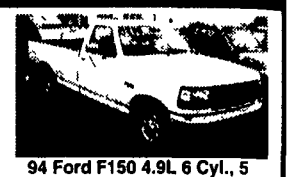
# WILLIAM H. WESSELS USED CARS

**97 Chevy Suburban K2500 4x4, 350 V-8, 57,715 Miles**
**$24,990**



**95 GMC 12' Box, Diesel, 5 Speed, 98,207 Miles**
**$12,990**

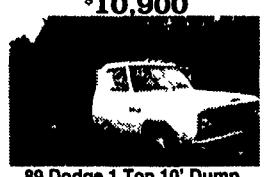


**94 Ford F150 4.9L 6 Cyl., 5 Speed, PS, PB, 78,307 Miles**
**$5,990**

**92 Ford F150 Ex Cab, 4x4 XLT, 351 V8, Auto, Nicely Equipped, 121,207 Miles**
**$10,900**

**82 Dodge Ram High Top Conv. Van, Runs Well! Local Trade**
**$2,490**

**94 Chevy 3500 H.D. 14' Box Truck, 350 V8, Auto, AC, 157,000 Miles, 14,000 GVW**
**$10,900**

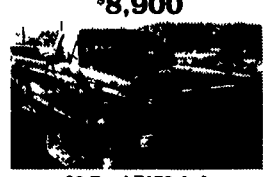


**89 Dodge 1 Ton 10' Dump, V8, 4 Speed, PS, PB, 132,107 Miles**
**$5,990**

**94 Dodge 12 Pass. Van, 5.2 V8, Auto, Dual AC, 67,208 Miles**
**$8,900**

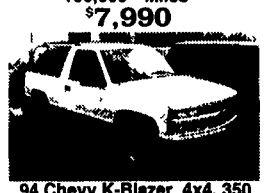
**94 Dodge Cargo Caravan V6, Auto, PS, No AC, 48,207 Miles**
**$7,990**

**93 GMC Safari XT AWD, 8 Passenger, V6, Auto, 106,000 Miles**
**$7,990**

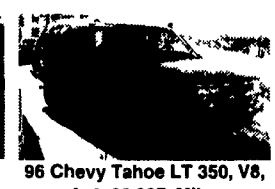


**86 Ford F150 4x4 6 Cyl.**
**$3,995**

**87 Chevy 12 Pass. Van, V8, Auto, No AC**
**$3,990**



**94 Chevy K-Blazer, 4x4, 350 V8, Auto, AC, 84,000 Miles**
**$15,900**



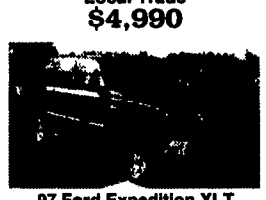
**96 Chevy Tahoe LT 350, V8, 4x4, 36,207 Miles**
**$25,900**

**97 Dodge Caravan 5 Drs., V6, Nicely Equipped, 48,812 Miles**
**$15,900**

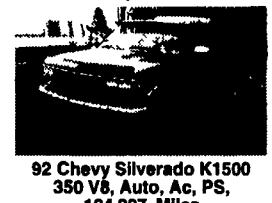
**86 Ford F3500 12' Stake Dump, 6 Cyl., Manual, Local Trade**
**$4,990**

**92 Dodge Ram 350LE, 12 Passenger, Dual AC, Nicely Equipped, 114,207 Miles**
**$7,995**

**94 Chevy K1500 Ex. Cab, 350 V8, Auto, AC, 81,207 Miles**
**$15,900**

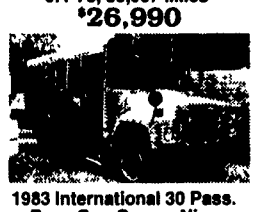


**97 Ford Expedition XLT, 5.4 V8, 39,907 Miles**
**$26,990**



**92 Chevy Silverado K1500 350 V8, Auto, Ac, PS, 104,207 Miles**
**$9,900**

**93 Chevy Ex. Cab 4x4 Short Bed, 350 V-8, 57,000 Miles**
**$16,900**

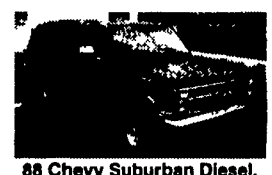


**1983 International 30 Pass. Bus, One Owner, Nice**
**$3,990**

**97 Plymouth Grand Voyager, V6, Auto, 17,400 Miles**
**$15,900**

**93 Chevy Suburban 4x4, 350 V-8, Auto., PS, PB, AC, No Rear Seat, 143,457 Miles**
**$9,900**

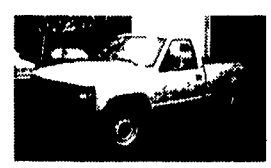
**91 Chevy Ex. Cab Pickup, 4x4, V8, Auto, AC**
**$8,990**



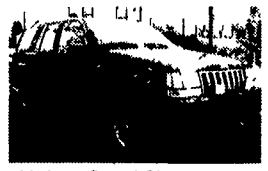
**88 Chevy Suburban Diesel, 4x4, Dual AC, 3rd Seat, Nice!**
**$9,900**

**96 Ford F150 4x4 XLT, V-8, Auto, PS, PB, AC, 53,901 Miles**
**$15,900**

**87 Chevy K-5 Blazer, 350 V-8, Auto, AC**
**$6,900**



**90 Chevy K1500 4x4, V-6, 5 Speed, No A/C, 52,608 Miles**
**$7,990**



**93 Jeep Grand Cherokee V8, Leather Int., CD, 113,200 Miles**
**$11,900**

**91 Ford F150, V8 Auto, A/C**
**$4,990**

**96 Dodge Caravan, 7 Pass., V6, Auto, 5 Drs, 77,000 Miles**
**$10,900**

**93 Mitsubishi Fuso 16' Box, Diesel, 5 Speed, 132,127 Mi.**
**$10,900**

**84 GMC 6000, 8.2 Diesel, 21,200 GVW, Nice Older Truck**
**$6,990**

**90 Ford F250 4x4, 351 V-8, 136,000 Miles, 5 Speed, AC, PS**
**$8,990**

**93 Ford F150 6 Cyl., Auto, AC, 107,721 Miles**
**$5,990**

# WILLIAM H. WESSELS USED CARS

811 Route 15 Dillsburg, PA

1-800-440-4433 Notary Public

1-717-432-2918 Temporary Tags

1998 Case 1845C

1994 Case 1840

## SKID LOADER RENTALS

Snow Buckets and Pallet Forks. Tooth bar for Dirt Buckets. Filled tires for nail resistance.
Available to rent by the

**1/2 Day / Day / Week / Month**

Special Weekly and Monthly Rates.
Pickup and Delivery available All Over Lanc. & Chester Co.
Call For Good Rates! **717-442-5007**

**1994 Case 1840 For Sale** 1200Hrs., Runs Excellent

Also specializing in moving and delivering storage sheds Local or long distance.

**D.R. Trucking and Skid Loader Rentals**
623 Mt. Vernon Rd., Gap, PA 17527-

## CA$H FOR USED DIESEL TRUCKS!

WE NEED ¾ TON TO ONE TON:

- FORD DIESELS
- SUPERCABS
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- 2WD OR 4X4
- DUALIES
- DUMPS
- UTILITY BODY
- FLAT BEDS
- CAB & CHASSIS
- SUPER DUTIES

LOW MILEAGE ONLY PLEASE

Before you sell or trade your diesel In somewhere else for LESS.
CALL US!
We Pay More for Used Diesel Trucks Than Anyone.
TRY US!

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Ask for Smokey or Kay

Ford KELLER BROS.

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Lebanon, PA
17042

## Appalachian Manufacturing, Inc.

330-222-2468

10K Dual Tandem Trailers - Spring Assist Ramps
Pintle Pull, 18x5, Dovetail **$4,750**
Gooseneck, 20x5 **$5,000**

24' Gooseneck, 4' dovetail, 1-12,000# G V W , 6,000# axels w/easy lube, electric brakes, 7 50-16 tires, breakaway kit, ramps w/pressure treated deck, standard
12,000 GVW **$2,995**
14,000 GVW **$3,195**

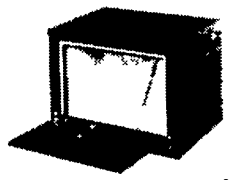
16' Car Hauler, diamond plate deck with W/D rings, self storing ramps, 7,000# G V W , elect brakes, both axels 82" between wheel wells, breakaway kit incl
16' Car Trailer **$1,495** 18' Car Trailer **$1,645**

21' Low Profile, 10,000#, axel w/easy lube, elect brakes, pressure treated deck, 10,000# G V W ,
gooseneck **$3,100**
Bumper pull **$2,950**

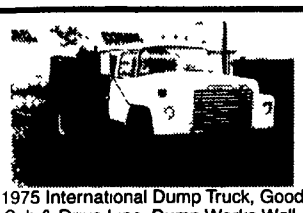
## HOSTETLER

**Truck Bodies & Trailers**
**717-667-3921**
Milroy, PA - Located between Lewistown And State College on Rt. 322 in PA.

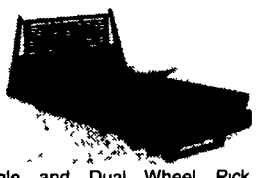
New Design Moritz Livestock Trailers Semi Round Front, New Sides and Rear
6'x16' 7000# GVW **$3,350**
6'8" x 16' Long 7000# GVW **$3,575**



Tool Boxes,
24"x18"x18 **$146** 36"x18"x18" **$162**
30"x18"x18" **$155** 42"x18"x18" **$169**
48 x18"x18" **$178**



1975 International Dump Truck, Good Cab & Drive Line, Dump Works Well, Was $2,595
**NOW $1,995**

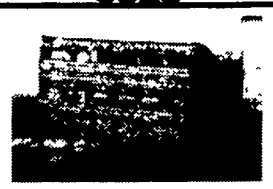


Single and Dual Wheel Pick Up Flatbeds, Bulkhead, Coutside Pockets, Rear Skirt, With or Without Gooseneck Compartments Starting at
**$825**

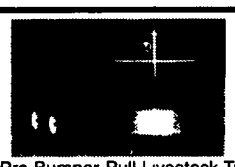
**Financing & Leasing Available**

Skid Loader Trailers, 82" Between the Fenders, 10,000# GVW
14' Long **$2,495**
16' Long **$2,595**
18' Long **$2,760**

25' Moritz Gooseneck Flatbed, Adj Dovetail, Deck Over Neck, 14,000# GVW, Triple Ramps
**$5,250**



Used 8' Eby Pick Up Truck Cap, Drop Down Rear Door, Roll Up Rear Door
**$1,795**



Corn Pro Bumper Pull Livestock Trailer, Corn Pro, Rubber Torsion Axles, Treated Pine Floor
6'x16 3500# Axles **$3,350**
6'8" Wide x 16' Long 3500# Axles **$3,575**
6 8" Wide x 16 Long 6000# Axles **$3,895**

**Eby Trailers** In Stock, Both Gooseneck & Bumper Pull
**CALL FOR PRICES AND AVAILABILITY**

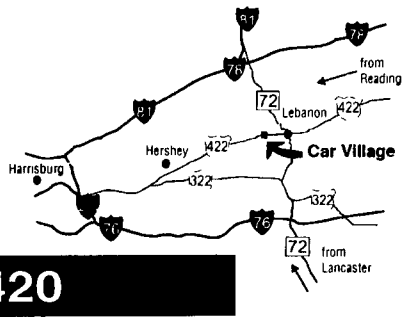
**(2) Morgan 22'6 Refrigerated Van Bodies**
**Carrier Silver Hawk Refrigeration Units with Electric Standby**
**$6,000 Each**
**Curry Supply Co., Curryville PA**
**1-800-345-2829**

**Business Hours: Mon.-Fri. 9 to 9; Sat. 9-4**

**RTE. 422 WEST LEBANON, PA**
(Across From Lebanon Valley Mall)

# CAR VILLAGE

**HEAVY DUTY TRUCKS**

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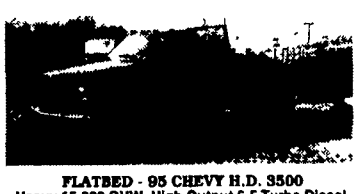
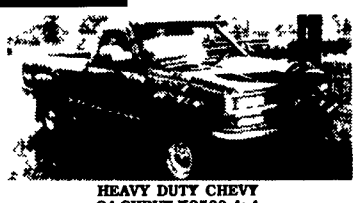
4x4 CREW CAB DUALLY
99 FORD 350 SUPER DUTY
Rare & Hard To Find, 6 Sp, Manual Trans, Powerstroke Turbo Diesel, Trailer Tow Pkg, Aluminum Wheels, All Options, Loaded XLT

**DUALLY CREW CAB - RIDE IN STYLE**
**97 FORD F350 CREW CAB DUALLY**
Powerhouse Powerstroke Diesel, AT, AC, Tilt, Cruise, CD Player, 40/20/40, Seat, Tow Pkg.



FLATBED - 95 CHEVY H.D. 3500
Heavy 15,000 GVW, High Output 6.5 Turbo Diesel, 5 Spd., Vinyl Seat & Floor, 9 Ft. Bed, Tow Pkg , New Tires - $14,900

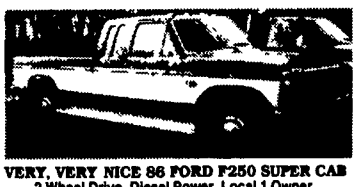


HEAVY DUTY CHEVY
94 CHEVY K2500 4x4
Beautiful Truck, High Output 6 5 Turbo, Diesel, 5 Spd , A/C, H D Trailer Pkg , Class 3 Hitch

HEAVY DUTY DODGE 4X4 2500's
2 Available - Cummins Turbo Diesel
97 Auto, 18,000 Miles; 95 Auto, 55,000 K

6 WHEEL DRIVE 96 DODGE DUALLY
This Is One Great Tow Machine Cummins Diesel, 5 Spd., Big Swing Out Mirrors, Limited Slip Dana, 4·10 Rear, Only 17,000 Miles

MECHANIC TRUCK 96 FORD F350
Powerstroke Turbo Diesel, Single Rear Wheel, Reading Box, Please Call For Details



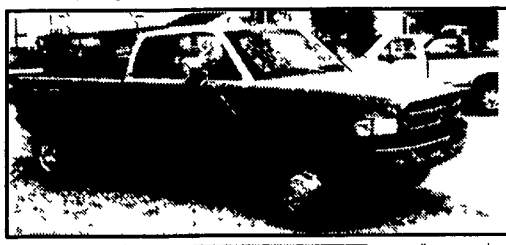
VERY, VERY NICE 86 FORD F250 SUPER CAB
2 Wheel Drive, Diesel Power, Local 1 Owner, Banks Turbo Charger, AT, A/C, Tilt, Cruise, Capt Chairs, Console, Heavy 8800 GVW You Must See And Drive

82,000 75 CHEVY C 60
366 Gas V8, 4 Sp Trans, 2 Spd Axle, 8 25x20 Rubber, 21,000 GVW, NO CDL Required

1 TON PICKUP - 97 FORD F350 4X4
Real Nice, Only 28,700 Miles, Powerstroke Turbo Diesel, 5 Spd., AC, Solid Front Axle, 9,000 GVW, Vinyl Seat & Floor

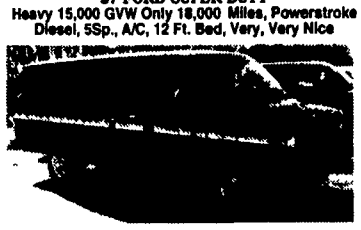
ALUMINUM FLATBED
97 FORD SUPER DUTY
Heavy 15,000 GVW Only 18,000 Miles, Powerstroke Diesel, 5Sp., A/C, 12 Ft. Bed, Very, Very Nice

RACK BODY DUMP
96 FORD F350
Power Stroke Turbo Diesel, H.D., 5sp, 12 Ft Dump Body, Prentil Hitch, Only 43,000 Clean Miles $19,900

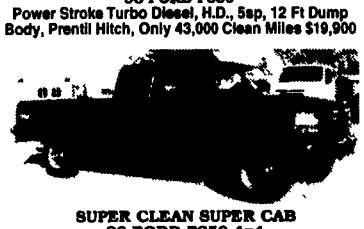


**PULLING POWER**
**5 SP. DODGE CLUB CAB DUALLYS 4X4**
We Have 3 Extra Clean, Low Miles, Very Strong, Very Nice
Call For Details

4x4 HEAVY DUTY SUPER CAB 94 FORD F250 XL
Runs & Drives Very Nice, Very Solid Truck, 351 At, A/C, Lock Out Hubs, Vinyl Seat & Floor, Heavy 3/4 Ton, Great Tk. to Have Around The Farm $13,900

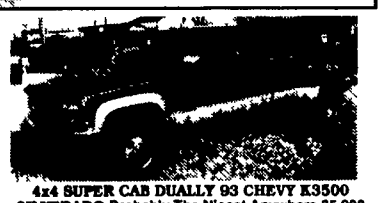


DIESEL CARGO VAN 94 FORD E-350
Heavy 9400 GVW Diesel Power AT, A/C, Real Clean and Only 34,000 Miles, Side Doors

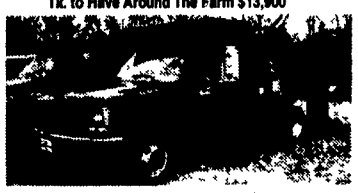


SUPER CLEAN SUPER CAB
96 FORD F250 4x4
Loaded XLT, Beautiful, Only 27,000 Miles, Powerstroke Diesel, AT, A/C, 40/20/40 Seat Aluminum Wheels, Tow Pkg.

FARMERS FRIEND
93 FORD F250 SUPERCAB 4 WHEEL DRIVE
5 Spd. Trans., 7.3 Diesel, AC, Tow Pkg., Runs Great

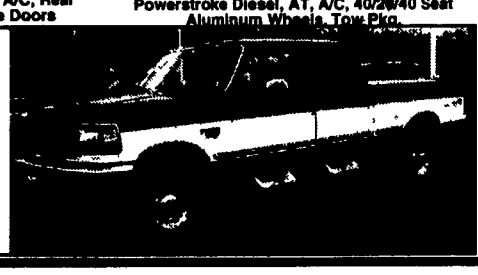


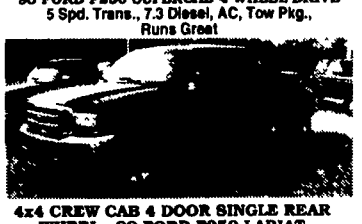
4x4 SUPER CAB DUALLY 93 CHEVY K3500
SILVERADO Probably The Nicest Anywhere 35,000 Miles, High Output 6 5 Turbo Diesel, AT A/C, Heavy Duty Tow Pkg



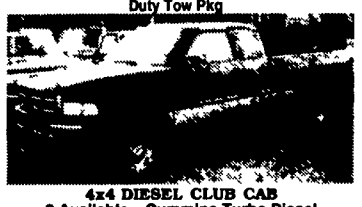
4x4 DUMP - 95 GMC K3500
A Real Workhorse, High Output, 6.5 Turbo Diesel, 5 Spd., A/C, 8 Ft. Body, Pentil Hitch, Only 58,000 Miles

**4x4 CREW CAB - 97 FORD F250 XLT**
Like New, Only 5,000 Miles, Perfect In Every Way, New Truck Warranty, Powerstroke Diesel, AT, All Options, 40/20/40 Seat, Aluminum Wheels, A Must See!





4x4 CREW CAB 4 DOOR SINGLE REAR WHEEL - 99 FORD F350 LARIAT
The Best of Everything - Powerstroke Diesel, AT, AC, Leather Interior, All Power Equipment, Aluminum Wheels



4x4 DIESEL CLUB CAB
2 Available – Cummins Turbo Diesel
96, 5 Sp., 40,000 Miles – 95, Auto., 60,000 Miles, Very Clean, Tow Pkg.

**1987 CF7000 Ford Truck C/C**
**Ford Turbo Diesel Engine, 5 sp. w/2 sp. Rear, 22.5 Rubber, PTO, 222,000 Miles, Clean Truck, Runs Excellent, Inspection Good Till 3-99. Reason For Selling: Got Bigger Truck $6,000 OBO**
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**USED EQUIPMENT**

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15' Aluminum Eby Flatbed Body

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15'X92X6'6" Eby
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(1) 9'x94"x6'9" Eby
19'x96" Eby w/Deck Rail
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**GOOSENECK**
1997 Hart Aluminum Gooseneck 24'x7'x6'6", Like New
1996 Wilson 24'x8'x8'
1997 Eby 20'x7'x6'6"
1990 Eby 20'x 7-1/2'x6'9"
1991 Eby 18'x7'6"x6'9"
1996 20'x8'x7'6" Eby
(1) 1997 24'x8'x6'9" Eby Ruffnecks

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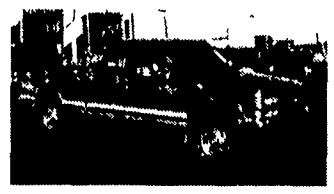
**88 CHEV. C1500 SILVERADO**
V8, Sliding Rear Window, Cap & Step Bumper
**$7,995**

**99 CHEV 2500 CARGO VAN**
350 Vortec V8, AT, A/C, 8,600 GVW

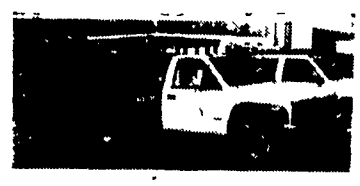


**94 CHEV K1500**
Extend Cab, Silverado, 350 V8, Nice Options, 40,000 Miles
**$18,995**

**17 - USED 4x4's IN STOCK**

**93 GMC K1500 SLE**
Z71 Off Road Pkg , V8, AT, A/C, PW, PL, Sliding Rear Window
**$13,995**

**97 CHEV K1500 4X4**
3rd Dr., Ext. Cab, 350 V8, Silverado, Most Options, 26,000 Miles
**$25,995**



**98 CHEV K3500 STAKE BODY TRUCK**
4x4, 350 V8, AT,
MSRP $30,521
Sale Price **$25,257**

**Outten Hamburg Rt. 61, Hamburg PA**
**1-800-451-2333 • 610-562-2216**

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# EBY BUILDS IT

M H Eby custom-builds aluminum truck bodies for the agri-transportation market Nobody offers more sizes and options in.

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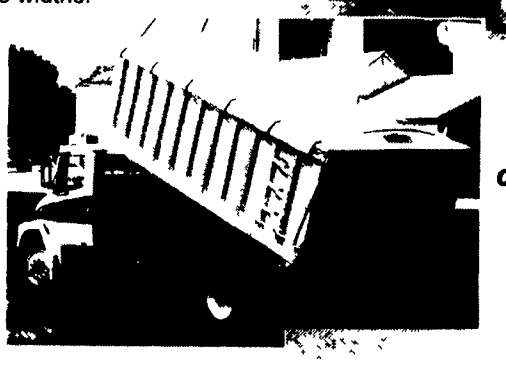
- **GRAIN BODIES** - Lengths to 24', landscape and general purpose dumps to 12'
- **LANDSCAPE BODIES** - Lengths to 12', ***We'll build to your specs!***



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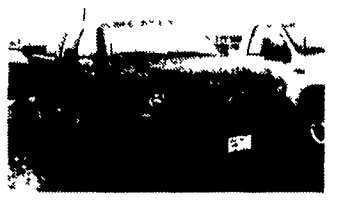
**Blue Ball, PA 17506**
**800-292-4752**

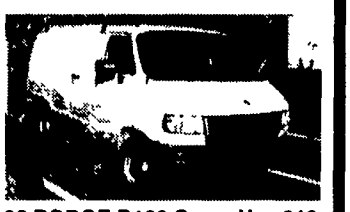
# QUALITY USED TRUCKS

**91CHEV 2500 EXT, CAB, 350 V8, Silverado, 56,000 Miles Black. #2285B**



**99 FORD F350 CREW CAB 4X4 Power Stroke Diesel, Auto, A/C, Black**

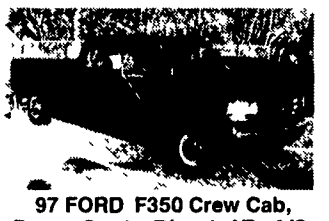
**94 CHEV 1500 Extend Cab 4x4 350 V8, Georgeous. #2271A**



**96 DODGE D100 Carvo Van 318 V8, AT, A/C, 35,000 Miles**

**95 FORD F150 Super Cab 5.0 V8, Lots of Extras, 34,000 Miles #2278B**

**95 FORD F250 Super Cab XLT, Auto, 460 V8, 59,000 Miles**



**97 FORD F350 Crew Cab, Power Stroke Diesel, AT, A/C, 43,000 Miles**

**97 FORD F350 CREW CAB 4X4 Power Stroke Diesel, 5-Speed, XLT, PW, PL, Cass. 11,000 Miles #P3847**

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## 36 REAL ESTATE

105A farm, Tulpehocken Twp., Berks Co., PA. High state of cultivation, 10-room modern house, large bank barn, beautiful setting. 717-838-4118

110 Acre farm, good barn, 3-equipment buildings, beautiful 2 story 3BR farmhouse, summer kitchen, glass enclosed porch overlooking one of 2-ponds. 2-streams thru property. Large fireplace, oil fired hot water baseboard. Lycoming Co. Rt 864, East of Montoursville. 570-433-0109

12½ Acre Orchard W/6BR 29x48 Bi-Level House, 1 Full, 3¼+1½ Bath. 32'X48' Pole Shed Located Between Penns Creek & New Berlin. Snyder County, Near Union County Line. Equipment Included. 165 MF Diesel w/ Loader & Sprayers. Walk-In Cooler, Apple Grader, Established Business. $185,000. 717-837-3735.

64 Acres Livestock/Poultry Farm, 200-head feed lot capacity. 3 Silos, slatted floors, newly renovated poultry/breeder house. 48 additional acres available 4BR House. Beautiful private setting, 4/miles from Millersburg $325,000/OBO. After 6pm 717/692-2675

65.4 acre farm, 3 bedroom house, large barn, 12x30 silo, all out buildings. Central PA., $269,000. (814)349-5843.

68 Wooded acres Juniata Co., near Waterloo, perced & approved, w/7 building lots. Great hunting & fishing. $100,000. 717/438-3115.

Beautiful lot, St.Croix, 1 acre corner lot, 5 minutes from water, Yacht club priviledges. 610-767-3133

Brand new 3 bedroom ranch home situated on 3½ acres in a private, secluded area in Juniata Co. along Rt.35 nine miles from Mifflin. $120,000. 717/535-5702.

Central Wisconsin grade A 55 cow dairy. 3-silos, pipeline, bulk tank, all feed in place w/5BR brick home on 5A w/extra 60A available. Will sell part or all. Creek thru property. Ready to milk. Some owner financing available. 715-238-7316 Wayne Kuhl, POB160, Granton, WI 54436

Central Wisconsin grade A dairy, 275A, w/100A option, 90-stalls, 4-silos, all milking equipment and feed in place. New 3BR home, 2nd home and 2-smaller barns across field. Clean & neat, ready to go! Owner financing available. 715-238-7316 Wayne Kuhl PBO 160, Gramton, WI 54436

Cumberland Co., PA. Dickinson Twp., limestone soil, no buildings, 40A, $160,000 adjoining 50A, $170,000. Both $320,000. 1-888-234-1338

Dairy Farm Somerset County: 200 acres, turnkey operation. (814)479-7570.

Dairy farm, 210A, 1A stocked pond, circa 1850's, $650,000 Cecilton, MD. 302-654-5088

FARM WANTED... Tioga County. Wellsboro School district. Family relocating. NO Realtors 607-763-6382

For Sale by Owner: 270 Acre Tioga Co dairy farm. 150A tillable, 2 homes, recreational pond. 570/549-7281.

How did you do this hunting season?... Joining gameland #99, Huntingdon Co., 2BR cabin on 12+A. Wired for use w/generator. Some furnishings. Wood deck leading to outhouse, only $49,000 KEEFER REAL ESTATE 717-349-2262

Land for sale. 32 acres. Lancaster Co. 717-336-6985

Mini-horse farm, Snyder Co, Pa, 5+ acres, completely fenced in, 2-story house, 1-3/4Ba, 5BR, large bank barn, indoor arena, 60x100 w/tack room and office, outdoor arena, and other out buildings, borders state game land for very nice riding, low taxes, beautiful country location, $180's. (570)658-4459.

Perry Co. near Ickesburg, 5-12 acres wooded lots perced & approved. Restricted to protect your interests. No mobiles. Starting at $32,000. 717/438-3115.

Perry Co. near Ickesburg, 8 wooded tracts, 34-49 acres perced & approved. Great hunting & fishing. Some secluded w/Buffalo Creek. Mobiles restricted. $1600/acre. 717/438-3115.

Perry Co. near Ickesburg, 44.7 acre farm, frame house w/bank barn, 20 acres cleared. Great hunting & fishing. $160,000. 717/438-3115.

WANTED TO RENT tillable land in Lancaster, York, Cumberland counties for 1999 season. Interested in short or long-term commitments. Willing to trim fence rows & clean up w/front end loader if needed. 717/392-6854.

17½ x4' high tensile steel dump bed, excellent condition, 2 years old in fall, shed kept, bed weighs app. 5400lbs, $7500. 717/626-8191 No Sunday Calls.

175B IHC crawler loader, running condition, good U/C, 4N1 bucket, $6500 OBO. Also, 8' 4N1 bucket. 302-730-0188 leave message or call between 6:30am-7:30am

1965 Mack R-600 Dump (33,000 GVW) Mechanics special asking $2,700; Hydraulic Rock Splitter. Use where you can't use dynamite. Call 717-566-6639 evenings.

1984 Ford 540 Deisel (2418/Hrs) w/AUBURN TRENCHER, Hydraulic Front 3-Way Blade & ROPS. Excellent Condition $5,300 (609)769-3183.

25' Steel High beams for sale 717-627-4884.

'90 Case W252 vibratory roller, Hatz diesel engine, good condition, $7500. 215-482-8597

'92 NH 783 skid loader, 1150 hrs., backhoe, buckets, forks, trailer, $19,900. 610-987-3499

955 K CAT Crawler/Loader In Good Condition. $16,900. (717)776-7171.

'96 NH LX565, 850 hrs., bucket, forks, backhoe, weight kit, 1-owner operator, $16,000. 570-398-0429 before 8pm

Ford 1710 4x4 w/backhoe & loader, low hrs., $16,500. 215-257-6740

Forklift Wholesalers 2000 to 92000 Lb. Lifts Available. 70 in Stock. Sale-Rental-Finance w/ Warranty. Chalk Equipment. (410)686-6800.

Grader, Austin Western, all wheel drive, $3500. 717-654-1154 after 5pm

International diesel forklift, tractor type, goes 20' high, excellent condition, asking $10,000. Call (609)697-2004.

JD 544A loader, engine overhauled, cylinders rebuilt, good condition, $16,500. Berks County. No Sunday calls. (610)926-2908.

NH 785 skid loader, good condition, $8500 OBO. 717-442-9552

NH Loader Backhoe (Ext) LB-620 4WD Articulate Steer w/Trailer Excellent Condition, $12,800. (717)252-1221.

Pettibone Rough Terrain Forklift, straight mast, 22', 4WD, gas engine, $8900. 717/336-7375 No Sunday Calls.

Post Hole Digger, MacMillen Gear Head w/Penco 18" Auger Carbide Bit fits 555 & 700 Series NH Skid Loaders $1,500/obo. (717)859-3533.

Poultry Farms For Sale. Maryland & Delaware. Call Frank & Catherine, growers & poultry farm specialists. The Hogans Agency, Inc. 1/888/44-FARMS.

Southeastern York Co. 46-Ac w/Large Stream $129,900.; 35-Ac Private Setting w/Stream $95,900.; 2-Ac Lots Starting $29,900.; 1-Ac Lots Starting $27,900. BENNETT WILLIAMS B.H. & G.-(717)843-5551. Lee Kennedy-(717)862-3869./Jen Posey(717)862-3866.

WANTED: Acreage north of Harrisburg. Must be secluded, tillable & wooded. 717/938-3517.

Stone crusher, 8x20 w/ hopper feeder, 20' conveyor, $3200. 717-654-1154 after 5pm

WANTED: JD 555G crawler loader in the $30,000 range. Need a sound machine. WA Co, MD. Leave message, (301)842-3844.

WANT TO BUY all makes and models of construction equipment. (301)371-5500.

Brown male llama, 5 years. Brown female llama bred! 4 years. Both have nice personality. York County, (717)938-3007.

Rocky Mountain Elk Raised/Bred in NJ. 3x3=$2,500. 4x4=$3,000. 5x5=$3,500. 6x6=$4,000. 7x7=$4,500. 8x8=$5,000. Male calves $2,000. Female calves $3,000. (908)996-6515.

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Grain, Vegetable & Hunting Farm One of the largest single contiguous property on Maryland's Eastern Shore 800+/- acres with 500+/- acres tillable mostly irrigated, irrigation equipment included $1,875,000.00 "Can be subdivided". Shown by appointment only' NO LOOKERS All Buyers must be qualified by broker 2% to Buyers Broker
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**Judy Hopkins at 302-653-4538**
**Chabbott Petrosky Commercial Realtors**
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Dover, Delaware 19901
Phone
**#302-678-3276**
**Or 800-678-7105**

**WANTED**
Land to lease for family to put hunting camp. Small parcel fine. Will consider all options. Counties include: Huntingdon, Centre, Clearfield, Clinton or Lycoming.
Very Flexible
Call 717-786-4246 after 6:00 p.m. or leave message.

**FLORIDA LAND**
4 Acre wooded building lot midway between Jacksonville & Daytona Beach at Satsuma. Public road along 2 sides. City gas adjacent. Subdivision possibilities. 3 miles to St. Johns River (an inland waterway) and many lakes nearby.
A great fishing area!
**570/286-6060**
After 6 p.m.

**69.8 ACRE FARM**
**Southern Lancaster County**
**FOR SALE BY OWNER**
Half cropland/pasture, half woodland w/marketable timber. 3500 sq. ft. updated old stone & frame farmhouse. Spring-fed swimming pond. Continuous stream through property. 3 level bank barn. Approx. 60 mile radius of Harrisburg, Wilmington, Philadelphia, Baltimore
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120 East Avenue
Wellsboro, PA 16901
**717-724-3500**
MULTIPLE LISTING SERVICE

**81 acres perfect for beef, horses, sheep** - large barn, pond, fenced pasture area, silo, remodeled home. **$169,900.** #1551

**Dairy operation** being sold with 100 acres, exceptional home, barn and outbuildings for **$189,900**. Option to purchase additional 122 acres, call for details. #1587

**187 acre dairy** with option to purchase more land. 68 milking stalls, heifer area, commodity storage bins. Nice home, long views. **$244,500** #1523

***ENDLESS MOUNTAIN***
***REAL ESTATE COMPANY***
TIOGA & BRADFORD COUNTIES
570-659-5684 end@epix.net

*5± Rural Acres* just waiting for your new home, perk complete, mostly open, good location on minimally traveled road, State Lands nearby, **$12,500. (#661)**

*State Lands Nearby* this 3BR mobile home w/full length addition for residence/retreat, NG/FHA heat, woodstove, private septic, town water, electric, 2 car det, garage w/carport, **$32,900. (#683)**

*Wooded Edge-of-Town Building Lot* for your new home, 2 lots combined for 1 65± acres, electric, NG, & municipal water/sewer hook-ups available, possible OFIN, **$12,500. (#708)**

*Nature's Hide-Away,* 62± acres mostly wooded, Clean & Green, beautiful 12 acre pond, long road frontage, stream, electric available, excellent hunting area, MUST SEE! **$124,000. (#748)**

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**TIOGA COUNTY**

**BEAUTIFUL COUNTRY VIEWS.** 3 acres of gently rolling land. Long road frontage on a hard top road. Just minutes from Wellsboro Ideal for camp or residence. **$5,900.** W-479.

**BEAUTIFUL BUILDING LOTS.** Great views from these choice lots. All lots are serviced with underground utilities. Only two miles to downtown Wellsboro. Owner financing possible. W-451, 452

**VIEW OF THE VALLEY** from this 10+ acre building site, minutes from downtown Mansfield Just the place to build your dream home. **$18,000.** S-114

**WEEKEND CABIN** rough framed, needs finishing. 3+ ac. lot. Close to State land. Easy access. **$34,500.** W-463.

**SUPERB COMMERCIAL BUILDING SITE.** Front on Rt 6 between Wellsboro & Mansfield. 10 acres of gently rolling terrain. **$195,000.** S-986

***Large Selection of Lots & Acreage - FREE Lists.***

**Price Reduction For Quick Sale $425,000**

**MALONE, FRANKLIN COUNTY, NEW YORK**
**VEGETABLE/POTATO OR DAIRY FARM**
1060 Acres w/680 tillable acres, 380 wooded, **Property can be subdivided,** possible financing, VCR tape available
Complete information available regarding yield, climate, soil, buildings and map Come see the farm at it's best now! Refrig. cooler for rent for immediate or emergency use

**Jerry Shulman**
**Produce Shipper, Inc.**
**Box 41**
**Port Jefferson Sta., NY 11776**
**1-800-645-7776**

**Jefferson Co., PA**
Dairy/horse farm, 159A mostly tillable, & pasture land, bank barn, 50x150 milkhouse, 30x47 barn, 40x60 shed, plus 4BR farmhouse in good condition.
Close to I-80 exit 15
**$240,000**
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**Mark Hoffer**

**CENTRAL PENNSYLVANIA FARMS, FARMETTES, LAND AND CABINS**
Our Farm and Land Division currently has many farms, farmettes, land parcels, and cabins available in central Pennsylvania We would be happy to send you a free farm and farmette list and/or rural land and cabin list.
**See the December 26th or November 28th issues for a complete farm and farmette inventory**
Farm and Land Division

| | |
|---|---|
| Fred Strouse | (814) 364-1705 |
| Mel Rockey | (814) 466-6688 |
| Terry Gingher | (814) 364-1169 |
| Jim Harpster | (814) 238-2525 |

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**State College, PA 16801**
**(814) 234-4000**
**1-800-876-3395**

**NORTHERN TIER REAL ESTATE**
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**Troy, PA 16947**
**(717) 297-2513**

**BRADFORD COUNTY, PA PROPERTIES**

**NT740** **$119,900**
A 72+ acre farmette with a good 3 bedroom home. Outbuildings consist of a 2-story barn, a 4-bay machinery shed and a 160'x28' animal storage facility. The acreage consists of 35% woodland, and 65% tillable land. Home has new furnace, drilled well, and good septic as well as a new front porch. Secluded location.

**NT807** **$120,000**
A 51 acre farmette with updated 1870's farmhouse. Outbuildings ideal for hobby farm. Has to be seen. Rented mobile home lot for extra income.

**NT808** **South Creek** **$143,900**
A remodeled house and barn on this 66 acre farmette. Ideal for horses or beef. Extraordinary views from property. Small pond. Clean & Green.

**NORTHUMBERLAND CO.**
**AMISH NEIGHBORS**
- 48 Ac great farmland, could be nice homesite **$120,000**
- 80 Ac large barn, stream, 55 ac tillable **$120,000**

**NORTH CENTRAL PA**
- Beautiful 32 Ac Farmette Remodeled Home, Large Barn, Excellent Hunting or Vacation Area **Priced To Sell**
- 300 Ac Modern Dairy Farm, 80 Stall Barn, 50 freestalls, pipeline milkers, 3 silos, Virginia style heifer barn, manure storage, large modern home w/3 BR tenant home, excellent cond Great for family dairy farmer cattle & mach available Great value for price

**LANCASTER CO.**
NEW • 32 acre Horse Farm 16 stall barn, 8 large paddocks indoor arena, 1/2 mile track, pond, remodeled home, income producing, priced to sell, close to Rt 283

**SOUTHERN LANCASTER CO.**
- 25 Ac mostly tillable, no buildings, lots of potential, excellent location for small estate, produce farm **$149,900**
- 51 9 Ac dairy farm, ready to go **$290,000**
- Land zoned for development S Lanc & Chester Co
- 40 Ac Hideaway w/large stone home, barn within 15 min of Lanc
- 95 Ac. Dairy Farm
- 51 Ac Dairy Farm

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**FARMETTE**
7-1/2 Acres
3BR house,
full bath, bank barn,
2-car garage,
attached summer
kitchen Mifflin Co.,
McVeytown, PA
$129,000
**717/899-7918**
before 8 pm

**NEW HORIZONS**
REAL ESTATE CO.

**BUSINESS OPPORTUNITY** Bar restaurant video rentals & 4 apartment rentals Property has been owned and operated successfully for many years Good opportunity for ambitious person who wants to be in business for themselves **$267,000**

**SNYDER COUNTY - 2.7 COUNTRY ACRES- PLUS** 2-story house near Mt Pleasant Mills 4 bedrooms, 1-1/2 baths 2-car garage plus 16x37 workshop New furnace & replacement windows Near State Lands **$79,900.**

**CLINTON COUNTY BLDG SITE-** Zoned residential or commercial Fronts on 2 highways Public water & sewer **$30,000**

**5 64 ACRES** in Whitetail Mt Forest Lot 71 Clinton County **$11,000**

**5 43 ACRES** in Eagleton Forest Lot 72 Clinton County **$10,700**

**3 71 ACRES** in Eagles Nest Forest Lot 21 Clinton County **$14,000**

**11.16 ACRES** in Eagleton Forest, Lot 86 & 87 Clinton County **$17,000**

**44 5 ACRES** - Partially wooded Near I-80 Centre County Very good hunting 4-wheel drive needed **$55,000**

**132 ACRES** - All wooded & very private land in Nittany Valley, Centre County Ideal private homesite or development land **$158,400.**

**CLEARFIELD AREA** - 63 acre plus 10 room split level house 6 bedrooms, 3 baths & jacuzzi 40x30 steel bldg Spring fed fish pond Old barn & partially fenced pasture All mineral rights included Very private Near State Forest Lands **$275,000**

**213 ACRE DAIRY FARM** - Near Westfield in Tioga County 150 acres tillable 7 wooded balance pasture 450 additional acres available for lease for nominal fee 2-story farm house 65 stall barn plus additional box stalls with 8 unit pipe line 1000 gal tank 3 unloading silos 30x126 heifer barn loafing barn for 25 cows 40x130 drive through equipment bldg 36x70 metal implement bldg Great value for price **$290,000**

**CLINTON COUNTY** - Duplex bordering Young Womans Creek in North Bend near Renova Good fishing & hunting **$45,000**

**COMMERCIAL/INDUSTRIAL** - 4 5 acres cleared & level Near exit of I-80 in Centre County Milesburg Area Possible railroad siding Good visibility **$239,000.**

**Bellefonte (814) 355-8500**

## JUNIATA CO. PA
## 50 MILES WEST OF HARRISBURG

**FARMETTE**

**17 ACRES,** 3 bedroom dwelling, large two-bay garage w/home butchering room, two-story barn, 4 acs wooded, 10 tillable/pasture fantastic view of valley, Tuscarora Creek frontage frontage on twp road, additional ac available Broker has financial interest **$162,900**

**FARMETTE**

**2½ ACRES,** nicely remodeled 3 bedroom dwelling, 3 bay garage with heated workshop 2 story barn w/1-1/2 ac pasture, **$138,900**

**BORDERS STATE LANDS**

**4½ WOODED ACRES,** 14' x 66' mobile, 3 bedroom w/full basement, secluded well & septic **$53,000.**

**FARMETTE ACREAGE**

**50 ACRES,** wooded & tillable Tuscarora Creek frontage, secluded other tracts from 3 45 acres, Broker has financial interest in some of above Call for details

LARRY **LONG REAL ESTATE**
**OFFICE 717-527-4784**

## GREAT NEW YORK FARMS

**#1323** - A Farm with two very good homes - eight rooms, 3 bedrooms, oil H/W heat plus 6 room 3 bedroom 2 baths 100 freestall barn with double six parlor plus 90 stall heifer and dry cow barn plus calf and heifer barn 400 tillable acres, flat big fields A great buy **$375,000** - for a showplace farm

**#1587** - Great buy for young family Recently new 200 freestall barn, 8 stall flat barn parlor Freestall heifer barn Silos Good 4 bedroom home 250 acres Price has been reduced for quick sale **$165,000.** Firm!

**#1598** - Retiring Owner is Selling! Very good farm for an unbelievable low price 150 acres of flat land More for rent or purchase Two story 100 stall modern barn Concrete silo Good eight room four bedroom home Buildings same side of quiet road A very clean, neat farm Nice location 2 miles to shopping, etc Only **$135,000.**

**#1589** - A very attractive farm with excellent buildings Paved driveway Located on quiet road close to small town with shopping The barns are unbelievably clean and neat Two story dairy barn 60 stalls on pipeline plus 39 stalls for heifers and dry cows Manure lagoon 4 silos New 44 x 96 shop and equipment building Big garage and storage building House - 10 rooms, 5 bedrooms oil hot water heat 280 acres of flat land 160 acres prime alfalfa ground Asking **$275,000.**

We have more great buys! Call for appointment

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## FULTON COUNTY, PA

202 A Dairy Farm Large Dairy Barn & Equip. Barn, 2 Story Frame House All for **$340,000.**

## FRANKLIN COUNTY, PA

(2) 103 Acres Willow Hill area with 100x100 Bank Barn, 2600 Sq. Ft. Frame Dwelling, and Stream in Pasture. ~~**$215,000**~~ **Reduced to $172,000**

## SOUTHERN LANCASTER COUNTY

9 7 Acre Horse Farm w/70'x160' Free Span Barn and Another 7 Stall Barn Frame Dwelling w/2 Baths and 3 Br. Built 1876, Nicely Done, Priced Well Below Appraisal!! Call Today

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**MAHLON OBERHOLTZER AGENCY**
*Your Central PA Farm Broker*
*Smoketown, PA 17576 (Lanc. Co.)*
717-392-1177

**303 Acres** — 80 tillable, 120 pasture (with some fencing), balance woods, small stream runs through Large barn, looks rough, but it's sound Nice 2 bedroom, 2 bath mobile home (currently rented for $350/per month) Taxes under $2000 Asking **$74,900.**

**On a Dead End Road Off a Dead End Road** — Sits 615 Acres That's right 615 acres, with some reclamation (Brush Hogging and Plowing) There could be up to 400 tillable Balance is mostly wooded (awesome Deer and Turkey Hunting) 3BR 1 bath home (well, shack, it's a bit on the rough side) **Asking $124,000.** Owner financing with $25,000 Down.

**New Listing** — Everything you could ask for 9 year old, 2,100 sq. ft contemporary Ranch home with vaulted ceilings, 3 bedrooms and 2 full baths R-38 insulated so you can practically heat it with a candle Large T-Shaped barn currently set up for sheep, and horses 40x50 Barn/Shop with concrete floor and large Grainery 25x50 Pig Barn (about 250 yards down wind) All on 430+ acres, 1/2 tillable, 1/2 wooded, even a nice year round stream flowing through. Asking only **$164,900.00**

**20 other Dairy, Beef, and Hobby Farms from $67,500 to $149,000**

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**So. Northumberland Co. & Surrounding Counties**
**(Broker Owned)**

**6.9 Acres,** 2 BR home, fireplace, 2 car garage, small barn, mostly wooded $82,900
**9.6 Acres,** 4 BR home, 2 car garage, barns & stream $92,900
**10 acres,** house & barns Owner Financing Available
**REDUCED! $82,900** Rent Option Possible
**48 acres,** 36 wooded, 12 acres tillable $62,000
**127 acres,** house & barns, 80 tillable $250,000

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Real Estate Herndon, PA 17830
Peter B Cortelyou, Broker
**717-425-9177**

## 300 Cow Dairy Facility For Sale In Somerset County, PA

2 Free Stall Barns w/Lagoons, 6x6 Herringbone Parlor, Fully Equipped w/Milkers, Meters, Dual Vacuum Pumps, 4000 Gal Bulk Tank, Dual Compressors w/Plate Cooler, 2 Trenchers, 3 Storage Bays, Machine Shed and 4000 Sq Modern Home or Approx 40-45 Acres Additional Acreage Available For Sale or Long Term Lease (Dairy of Distinction) **$550,000** -For More Information Contact

**BEEGHLEY BROS.**
**(814) 443-4828**

Century 21
**Wilkinson-Dunn Co.**
**78 Main Street**
**Wellsboro, PA 16901**
**(570) 724-5921**
EMAIL wilk1dunn@aol.com
INTERNET www.century21.com

**W-1239** Pine Creek Property! 7 68 acres bordering Pine Creek. Ranch home needs TLC. 2 bedrooms, fireplace, 1 bath, 2 car garage. Won't Last Blackwell **$102,500.**

**W-1240** Early 1900's Victorian, all woodwork in great shape Many rooms with alcoves, 3rd floor can be finished 5 bedrooms, 2 baths, plus 3 car garage. Wellsboro **$134,500.**

**W-1250,** Looking for Peace & Quiet? 16 acres bordered on 3 sides by Hammermill Paper Co. lands Easy access and great hunting area **$16,000.**

**W-1252** Superb brick ranch on 8 69 acres with pond Close to Country Club and PA Grand Canyon. 3 bedrooms, 2 full baths, wood floors, fireplace with gas insert, family room, enclosed sun porch, plus 2-3 car garage **$159,900.**

**W-1253** Neat as a pin 3-4 bedroom ranch home in Charleston Township Fireplace, partially finished basement, 2 car attached garage all on 1.73 acres **$87,900.**

**W-1254** Adorable home on gaslight lined street in Wellsboro 3 bedroom, 2 baths, garage, small yard, cute kitchen. Modernized and well maintained **$89,900**

## South Central PA Farms

Serving Franklin, Fulton and Adams Counties

**PAUL GUNDER**
*Selling Farms for over 18 years*

**19.6 ACRES** - in Southern Fulton County Mostly all wooded 4 bedroom home, partially furnished w/wood furnace, spring water and more Convenient to I 70 $64,900 (LF-FU2530252SP)

**4.23 ACRES!** - Completely redone farmette Beautiful country location $129 900 (LF-FL2551314TL)

**GREAT VIEWS** – Approximately 52 acres House and barn in good condition Call for details $150,000 (LF-FL2561268EG)

**MOUNTAIN VIEWS!** – 33 acres with stream and veiw of the Tuscarora Mountains Just minutes from Whitetail Ski Resort 4 bedroom home with large open living area Barn $276 000 Or hourse, barn & stream on 13 acres for $205 000 (LF-FL2512263PG)

**WILLIAMSBURG IN FRANKLIN CO.** – restored civil war farm house w/many outbuildings Over 16 acres fenced for cattle or horses Stream and pond $249 500 MAKE AN OFFER (LF-FL2591286EK)

**BUSINESS POTENTIAL** – 21 acres with highway commercial zoning Near I-81 exit 3 in PA $269,000 (LF-FL2556991HB)

**FRANKLIN CO., PA** - Private setting w/your own wildlife sanctuary on 30 acres of woods & farmland Features a newer ranch-style house w/beautiful views of 2 mountain ranges A great get-away w/easy access to I-81 $284,000 (LF-FL2571588DH)

**23 ACRES FARMETTE-** Large Morton building (80x40) Large rancher over 3,000 sq ft , 5 bedrooms, 5 stall building used for horses $285,000 (LF-FL 2602280SG)

**BEAUTIFUL HOMESTEAD** – Remodeled farm house, bank barn, and 30x70 block implement shed on 45 acres $299,900 (LF-FL2560003HB)

**DEVELOPMENT POTENTIAL** - 55 acres with road frontage on Route 997 in Quincy Township Call for details $350,000 (LF-FL2422797PG)

**116 ACRE TURKEY FARM-** also being used for small dairy operation and crops Numerous outbuildings Pond, 3 bedroom home Call for details $650,000 (LF-FL2540055PG)

**DEVELOPMENT POTENTIAL** - 100 acres with large farm house, steel shed, heifer barn, milking parlor, and wagon shed $675,000 (LF-FL2509987EG)

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*Call to see today!!!*
When calling on this new year special, also ask about
The 105 acre Lehigh County Farm
The 90 acre Lehigh County Farm
The 22 acre (8 acres open) Berks County Farmette
The 14 acre Schuylkill County Hideaway

ERA REAL ESTATE
**ERA BLUE MOUNTAIN REALTY**
**(610) 562-8599 - 488-7614**

**CUMBERLAND COUNTY**

**TURKEY/POULTRY FARM**

3 barns hold up to 35,000 turkeys. 3 bedroom house featuring stone fireplace in family and coal/wood/oil heating system, mobile home, several wells, rural setting on 12 acres. **$450,000.** Sellers will consider some financing. Can be purchased without house.

**RESTAURANT AND WAREHOUSE**

Carlisle Area - 10,000 Sq. Ft. Restaurant. Seating 200+. Presently buffet style. Large Parking Lots. 12,000 Sq. Ft. Warehouse and food prep facilities. (2) 20x60 cold storage lockers, loading docks. Located on 8.3 commercial acres with views of the surrounding farmland excellent for catering. **Price $350,000.**

**LARGE 2 STORY FARMHOUSE**

NEWVILLE - situated on 1.15 acres. 4 bedrooms, 2 baths, summer kitchen and other outbuildings. Great location for Antique business or produce stand. Many upgrades in new addition. **ASKING $169,000.**

Call
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15 State Avenue Suite 103
Carlisle, PA 17013
**(800) 635-3880**
**(717) 243-6400**
Central State Realty Inc

## THE REAL ESTATERS OF MANSFIELD

**1671 S. Main St., Mansfield, PA 16933**
**(717) 662-2138 • Evening (717) 662-2363**

**TIOGA COUNTY DAIRY FARM**

"TOP OF THE LINE" facility near Wellsboro, PA. Housing for up to 150+ head (mix of tie stalls & loose housings). 2-1/2" S.S. pipeline. 1,070 gal. bulk tank. Harvestor & 2 Ribstone silos. Beautiful 2-story 3 bdrm 1-1/2 bath home. Detached 2-car garage w/3 bdrm apt. overhead. Approx. 100 acres w/lease ground next door. Priced well at **$275,000.** M-1081.

**COWANESQUE LAKE OPPORTUNITY**

30 acres & buildings overlooking the lake in PA, north of Mansfield & south of Corning, NY. 5,113 sq. ft. finished space over full bsmt. intended as restaurant but never opened. Detached 3,520 sq. ft framed out for 12 motel units. Approx. $65,000 kitchen equip. included. Would convert for use by many groups. **$275,000** M-1089.

**PRICE REDUCED – WOODS & FIELDS!**

149.88 surveyed acres in Covington Twp. bordering paved road between Mansfield & Blossburg. Approx. 90 acres of hayfields & 60 acres of woods. Great hunting w/deer, turkey & small game everywhere. Old trailer w/well & septic Was $144,900, reduced to **$129,900.** M-1007.

**GENERAL PURPOSE FARM**

95+ acres in Deerfield Twp. at Butler Hill. Remodeled barn w/new metal roof & siding. Ideal setup for horses, beef, replacement heifers or combo. Majority of farm is tillable or fenced pasture 2 bdrm. trailer w/addtn & detached garage. **$107,900.** M-1176

**TIOGA COUNTY CAMP & ACRES**

95.48 Surveyed acres in Hamilton & Ward Townships out of Morris Run, PA. Old 512 sq. ft. home/camp needing much work. Water, septic, gas, elec., phone & cable all avail on site. Land partially stripped but good hunting. Priced well at just **$54,900.** M-1098.

**GREAT PRICE--BORDERS STATE FOREST!**

1.3 surveyed acres in Hamilton Twp., south of Blossburg, PA. All wooded in deere, bear & turkey country! Approved sewage site w/privy 1,000 gal. tank & top in place. $8,900 cash or $9,900 w/$1,900 down, bal 9% 4 yrs. $199.08 p/m. M-1006

**MANSFIELD AREA ACREAGE**

85+ surveyed acres on paved road near Roseville. Mix of fields, pasture & approx. 30 acres of woods w/some timber value. Nice views. Approved sewage site. Utilities on site! Just **$74,900.** M-1137

**$495 P/A BORDERING STATE FOREST!**

Land under $500 per acre bordering state forest is almost impossible to find in today's market. Partially stripped & replanted fields combined with woods. Approved sewage sites. Electric avail. Borders 2 streams & 2 roads. 368.17 acres for **$182,000.** M-845.

**CENTRAL VIRGINIA:** Farms and land available from 5 to 500 acres, reasonable prices, very low taxes, farmer friendly communities, agricultural economy, free catalog.

**State Wide Realty Co.**
**Farmville, Virginia**
**804-392-6163**
**Farms & Rural Properties**
**Low Prices, Low Taxes, Free Catalog**

**LANCASTER COUNTY**

**FARMETTE, OLD HOLTWOOD RD.** Large 4 BR frame dwelling, w/large barn & 2-story block chicken house on 11 acres. **$175,000**

**ROOM FOR DOGS & HORSES:** You can own this 4 BR, 2 1/2 story with barn on 1.75 acres. .. .. .. .. **Only $140,000**

**75 ACRES TOP OF THE LINE:** You can build the outbuildings the way you want them on this top producing 75 Acres in beautiful southern Lancaster Co **Only $429,000**

If you have a farm to sell call
**Clarence Wenger**
**(717) 575-0053 (Car), 717-299-4885 (Office)**

**Town & Country REALTY**
**1271 Lititz Pike**
**Lancaster, PA 17601**

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**PENNA FARMS**
**CUMBERLAND COUNTY**

**South Middleton Township**
164 acre general farms, limestone soil, 2½ story stone farmhouse, circa 1700's, 4 bedrooms, new pole barn, farm borders 3 roads, 12,950' of road frontage

**Lower Mifflin Township**
114 acre farm, currently used as beef farm, approx 87 acres are tillable, large bank barn, 47'x54' arch steel building, several other garages & outbuildings, large 4 bedroom house a lot of creek frontage, property located right outside of Newville Call Herb Weaver for details

**North Newton Township**
161 ac former dairy farm, 52 stanchions in barn, dairy equipment (old), 10x50 silo, 20x70 silo, 4BR farmhouse, shale & limestone soil

**ADAMS COUNTY**
Strabum Township exquisite 1700's restored farm house with 49+ acres. 31 tillable acres & 16 wooded 3 bedrooms, 3 baths, 7 fireplaces, original floors solarum, art studio, 42x90 "Morton" building & 25x30 horse barn. 6 miles from Gettysburg Call Kay for details.

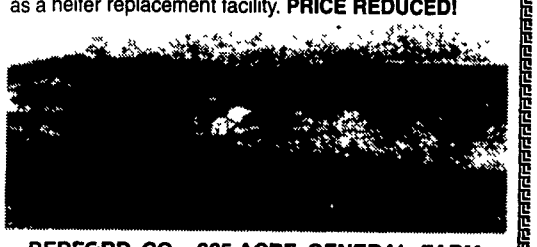
*Farms – Land – Farm Appraisals - Give us call!*

**Charles Wenger, GRI** **717-263-0945**
**Wilbert Diehl** **717-486-8534**

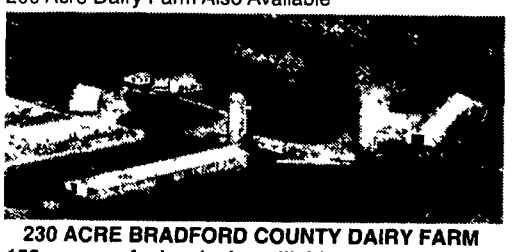
**GEORGE L. EBENER & ASSOCIATES REALTORS**
**139 W. High St., Carlisle, Pa.**
**717-243-6195**

**CALL COLDWELL BANKER**
**FARM & RURAL PROPERTY DIVISION**

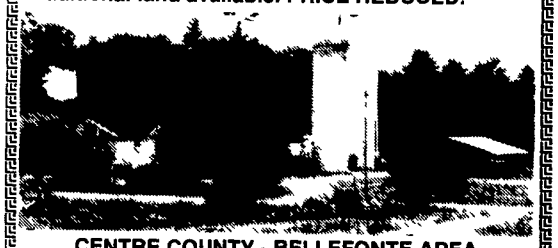
**BEDFORD COUNTY - 200 ACRE DAIRY FARM**
Modern Free Stall Operation with Parlor - Sound Buildings - Well Maintained Well suited for dairying or as a heifer replacement facility. **PRICE REDUCED!**



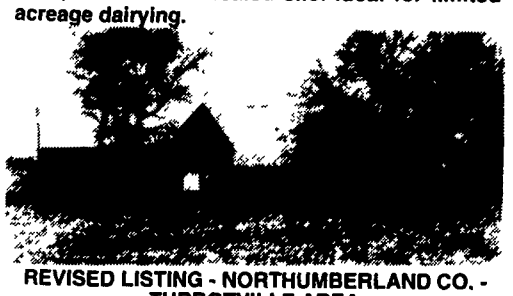
**BEDFORD CO. - 205 ACRE GENERAL FARM**
195 A tillable, productive land, 2 homes, large quonset barn, easily accessed, very private setting. 200 Acre Dairy Farm Also Available



**230 ACRE BRADFORD COUNTY DAIRY FARM**
**153 acres of nice laying tillable land, 30 acres hayland, 9 acres pasture, 27 acres woodland, 11 acres site and roads. 4 bedroom, 4000 square foot main house, tenant house, 50'x320' loose housing barn with attached milk house and double 8 parlor, 4 silos, 50'x250' calf and heifer barn, additional land available. PRICE REDUCED!**



**CENTRE COUNTY - BELLEFONTE AREA**
**27 ACRE DAIRY FARM**
**Stone farm house, modern 1-story tie stall dairy barn, 20'x70' Star sealed silo. Ideal for limited acreage dairying.**



**REVISED LISTING - NORTHUMBERLAND CO. - TURBOTVILLE AREA**
**60 acres w/54 tillable, 4 woodland, 2 site & misc., old brick house, 1 story hi clearance barn, highly productive land, nice location. Additional 25 acres tillable available.**

**CALL TOLL FREE FOR DETAILED BROCHURES WITH PICTURES**

***ADDITIONAL FARMS, FARMETTES, VACANT LAND AND HUNTING LAND PARCELS AVAILABLE. FREE LISTS.***

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**Juniata Co. Real Estate Sales**

**Lancaster County:** 8+ acres zoned agriculture Could be your horse farm or any agri use Just minutes I283, quick commute to Lancaster or Harrisburg **Asking $149,900.**

**33+ Acre** zoned Ag, multi use buildings, currently egg processing plant, just off I283, Rheems exit

**(2) One Acre Lots,** Ridge Rd , E-town $110,000 Each Call Charlie Brooks 717-436-8431

**JUNIATA COUNTY**

**Executive log home** on 4+ acres w/commanding southern view on private road near Rt 322, 35 interchange

**3 Acre Farmette** w/3 BR home, Q type bank barn, stream & pasture Asking **$84,000.** Call Audrey Conrad at 717-694-3119

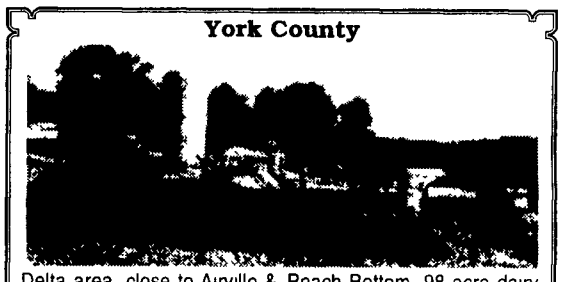
**Choice 10 Acre Farmette,** 3 BR home, large bank barn, fenced meadow w/spring fed stream, ideal horse or hobby farm **Just $127,000.**

**Rustic 3 BR log Home** on over 3 acres, both shade & garden areas Private but only minutes from town **$125,000.**

**Almost New 3 BR** (DW) rancher along Rt 35 in McAlisterville All large rooms & 2 baths Move right in for **$59,900.**

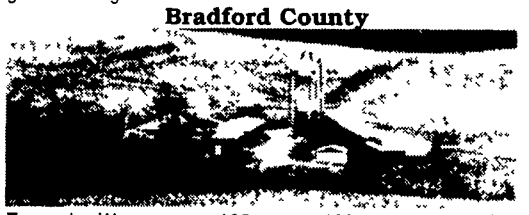
**Call Charlie Brooks - 717-436-8431**
**R M Walters Real Estate**
**717-436-8839**

**York County**



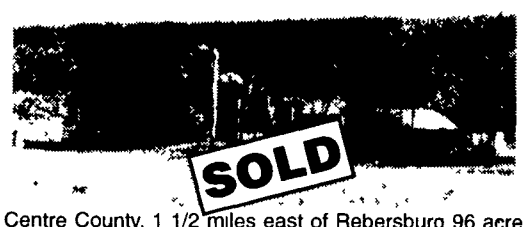
Delta area, close to Airville & Peach Bottom, 98 acre dairy farm, 3 acres pasture, balance woodland, 60 acres tillable, 30 acres pasture, newer 3 bedroom house, older four bedroom house & two bedroom trailer, large free stall barn concrete slurry system, two bunk silos, 20x60 stave silo, many other good buildings

**Bradford County**



Towanda, Wysox area, 165 acres, 120 acres tillable, Two houses 60 tie stall dairy barn, Four silos, & heifer shed, Many other outbuildings in very good condition

**BRUSH VALLEY**




Centre County, 1 1/2 miles east of Rebersburg 96 acre dairy farm, 92 acres tillable, 27 tie stall bank barn, 20x40 implement shed Two silos, two bedroom trailer

**BRUSH VALLEY**

Centre County, Rebersburg area, 31 acres of woodland, large 3 bedroom house built in 1984, mile long right of way to property

**BERKS COUNTY, LENHARTSVILLE**

118 acre horse farm, 55 acres tillable Bank barn w/14 stalls, good riding ring Stone farmhouse w/three bedrooms Separate two bedroom apartment Tack shop business

**INDIANA COUNTY**

58 acres of woodland with some tillable acreage Three bedroom house & 24x40 barn Five bedroom house w/barn & garage on 1 1/2 acres Houses are close and share a driveway

**Upper George's Valley**
**CENTRE COUNTY**

SPRING MILLS AREA Seven miles to Coburn, four miles to Centre Hall, 65 acres, 60 acres tillable, 10 room house, 44 stanchion bank barn, new smaller barn, 12x50 silo, other farm buildings

**CLINTON COUNTY**

North Bend Area, 291 acres of woodland Bear, Turkey & Deer have been seen on property Excellent hunting or recreation property No buildings $515 per acre

Call
Hiram Hershey, Broker
Thomas Hershey, Realtor Associate
**HERSHEY FARM AGENCY, INC.**
1-800-880-3831

**For Sale**

#1. 67 Acre crop/Beef farm, Lebanon Co. $500,000. Over 4,000 sq. ft. Ranch style house situated adjoining farm on 3 acre parcel, $300,000. Both parcels can be bought for $750,000

#2. 36.5 acres, Berks Co. old stone house in disrepair. not liveable, Stream through rear portion of property. East side of Reading, PA. $200,000

#3. 55 acres M/L plus two three acre lots, adjoining Blue Marsh Land. 15 min. north of Reading, PA.
All for $350,000.

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**TIOGA CO.** - Dairy & grain farm totaling 451 acres and what a buy! This farm is in a great location, has all the facilities and can be yours with a quick possession Buy one and take an option on the other This set-up is ideal for a growing family Many different churches in the area 4 miles or less to Stoney Fork Price reduced for a quick sale You won't be sorry you acted on this one

**HUNTINGDON CO.** - 140 acre dairy **SOLD LAST WEEK**

**HUNTINGDON CO.** - Dairy farm for up to 250 cow facility including excellent room for young stock This one has a milk parlor 2 residences and large concrete slurry Be ready when spring arrives and take a good look today Priced @**$525,000.**

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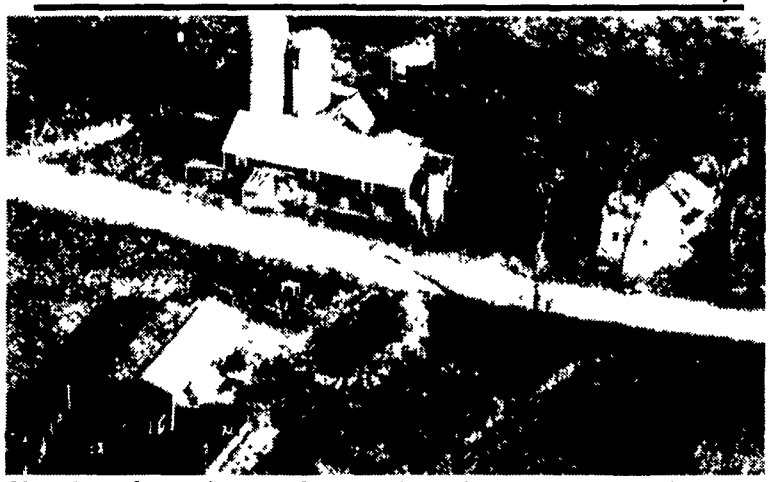

**#320** - Dairy farm w/110 A of pasture & woods - 52 cows on pipeline, mach. shed with LG HEATED SHOP & OVERHEAD DOORS - 4 silos - V G 3 B.R. colonial home - **$128,000- PRICE REDUCED TO $110,000** - more land avail WE HAVE A LG SELECTION OF DAIRY, HOBBY & HORSE FARMS, ACREAGE, BLDG. LOTS & COUNTRY HOMES LOCATED IN THE MOHAWK VALLEY, NYS - ALSO MANY PARCELS OF EX. HUNTING LAND.

# What Does Your Feed Company Do For Research?

At Consolidated Nutrition research is not taken lightly. Our product development starts where most feed company's end with information gleaned from research journals and the like. With a research staff larger than most University's we set up and conduct research trials at our facilities in Indiana, Ohio, and Michigan, independent research may be contracted with a university, and then field trials. Once an idea passes all of these tests, it is then introduced to you.

Consolidated Nutrition has more cannulated cows than any other company in the industry. Feed samples are put directly in the cow's rumen to measure digestion rates and efficiencies.

***Currently forage samples from area herds have been collected and are being studied to help us better balance rations around this year's forages!***

## Our products are...

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